```
?show files;ds
File 348:EUROPEAN PATENTS 1978-2003/Mar W02
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030313,UT=20030306
        (c) 2003 WIPO/Univentio
```

Set	Items	Description
S1	32022	(TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOMAT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS OR PTD()S
S2	2055	I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(TRANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(4N)(INTERNET? OR WEB OR PORTAL)
S3	2861	(WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4	9803	GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIRELESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNICATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5	6497	EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICATION? OR WALLET)
S6	569	DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTRONIC(3N)WALLET? OR SMART()OBJECT? ?
S7	158945	(AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CREDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8	45275	(TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTORY OR TRAIL)
S9	146294	ENCRYPTION? OR KEY? ? OR SIGNATURE? ? OR CIPHER?
S10	148305	AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORIS?
S11	152714	PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR PASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12	96905	BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRINT? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13	79	AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR NIWA()SAN? OR MARITZEN?)
S14	72	S13 AND PA=SONY?
S15	11	S5 AND S14
S16	249	(S1:S3)(2S)S5
S17	103	(S1:S3)(S)S6
S18	26	S16:S17(S)(S7:S11)(S)S12
S19	24	S18 NOT S15

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?
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March 18, 2003 1 17:53

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?show files;ds
File 348:EUROPEAN PATENTS 1978-2003/Mar W02
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030313,UT=20030306
        (c) 2003 WIPO/Univentio


Set     Items    Description
S1      32022    (TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR
                 MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOM-
                 AT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS -
                 OR PTD()S
S2       2055    I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR H-
                 AND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(T-
                 RANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(-
                 4N)(INTERNET? OR WEB OR PORTAL)
S3       2861    (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR -
                 REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? -
                 OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4       9803    GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIREL-
                 ESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNIC-
                 ATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5       6497    EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICA-
                 TION? OR WALLET)
S6        569    DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTR-
                 ONIC(3N)WALLET? OR SMART()OBJECT? ?
S7      158945   (AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CR-
                 EDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR -
                 COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR -
                 IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8      45275    (TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTO-
                 RY OR TRAIL)
S9      146294   ENCRYPTION? OR KEY? ? OR SIGNATURE? ? OR CIPHER?
S10     148305   AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORI-
                 S?
S11     152714   PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR P-
                 ASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12     96905    BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRIN-
                 T? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13       79     AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR
                 NIWA()SAN? OR MARITZEN?)
S14       72     S13 AND PA=SONY?
S15       11     S5 AND S14
S16      249     (S1:S3)(2S)S5
S17      103     (S1:S3)(S)S6
S18       26     S16:S17(S)(S7:S11)(S)S12
S19       24     S18 NOT S15
S20      478     S1(S)S12
S21       10     S5(S)S20
S22        3     S21 NOT (S18 OR S19)
?
```

?t19/3,k/all

19/3,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01443922
Method   of   integrating   imaging   products/services   with   non-imaging
    products/services in a single kiosk
Verfahren   zum   Integrieren von Bildverarbeitungsprodukten/Dienstleistungen
    mit Nichtbildverarbeitungsprodukten/Dienstleistungen in einem einzigen
    Kiosk
Procede   d'integration   de   produits/services   d'imagerie   avec   des
    produits/services de non-imagerie dans un kiosque
PATENT ASSIGNEE:
  EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York
    14650, (US), (Applicant designated States: all)
INVENTOR:
  Wasilewski, Jerome J., Eastman Kodak Company, 343 State Street,
    Rochester, New York 14650-2201, (US)
  Abens, Daniel J., Eastman Kodak Company, 343 State Street, Rochester, New
    York 14650-2201, (US)
LEGAL REPRESENTATIVE:
  Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,
    Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)
PATENT (CC, No, Kind, Date): EP 1231766 A2 020814 (Basic)
APPLICATION (CC, No, Date):   EP 2002075337 020128;
PRIORITY (CC, No, Date): US 779335 010208
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-001/00
ABSTRACT WORD COUNT: 143
NOTE:
  Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A   (English) 200233   572
    ·SPEC A   (English) 200233   4677
Total word count - document A   5249
Total word count - document B   0
Total word count - documents A + B   5249

  ...SPECIFICATION of its disbursement process.
    U.S. Patent No. 5,764,789 discloses the use of **biometrics** as part of
  the personal **authentication** process for customers to access their
  financial account. It does not address its use as a digital watermark to
  secure a transaction nor its incorporation into a **kiosk** product.
    U. S. Patent Nos. 5,859,920; 5,905,819; 6,044,182; 6...

 19/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00984066   **Image available**
A PRINTING CARTRIDGE WITH CAPACITIVE SENSOR IDENTIFICATION
CARTOUCHE   D'IMPRESSION   COMPORTANT UNE   FONCTION D'IDENTIFICATION DES
    CAPTEURS CAPACITIFS
Patent Applicant/Assignee:

SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South
   Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated
   states except: US)
Patent Applicant/Inventor:
  SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street,
   Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),
   (Designated only for: US)
Legal Representative:
  SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling
   Street, Balmain, New South Wales 2041, AU,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200313862 A1 20030220 (WO 0313862)
  Application: WO 2002AU1055 20020806   (PCT/WO AU0201055)
  Priority Application: US 2001922112 20010806
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 143013

Fulltext Availability:
  Detailed Description

Detailed Description
... microcode the ALUs for the function. The speed for applying an Omni
  light onto an **image** with no associated bump-map is 6 cycles per pixel.

  With Bump-mqp
  When an...

19/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00984064   **Image available**
A PRINTING CARTRIDGE WITH SWITCH ARRAY IDENTIFICATION
CARTOUCHE D'IMPRESSION AVEC IDENTIFICATION D'UNE MATRICE DE COMMUTATEURS
Patent Applicant/Assignee:
  SILVERBROOK RESEARCH PTY LTD, 393 Darling Street, Balmain, New South
   Wales 2041, AU, AU (Residence), AU (Nationality), (For all designated
   states except: US)
Patent Applicant/Inventor:
  SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street,
   Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality),
   (Designated only for: US)
Legal Representative:
  SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling
   Street, Balmain, New South Wales 2041, AU,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200313860 A1 20030220 (WO 0313860)
  Application: WO 2002AU1053 20020806   (PCT/WO AU0201053)
  Priority Application: US 2001922029 20010806
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 142964

Fulltext Availability:
  Detailed Description

Detailed Description
... microcode the ALUs for the function. The speed for applying an Omni
  light onto an **image** with no associated bump-map is 6 cycles per pixel.

  With Bump-map
  When an...

19/3,K/4   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00983916   **Image available**
FLEXIBLE LOYALTY POINTS PROGRAMS
PROGRAMMES D'OCTROI DE POINTS DE FIDELITE ADAPTABLES
Patent Applicant/Assignee:
  IGT, 9295 Prototype Way, Reno, NV 89510-0580, US, US (Residence), US
    (Nationality)
Inventor(s):
  KAMINKOW Joseph E, 35 Sharps Circle, Reno, NV 89509, US,
  ROWE Richard E, 235 Bluewater Court, Reno, NV 89509, US,
Legal Representative:
  OLYNICK David P (agent), Beyer Weaver & Thomas, LLP, P.O. Box 778,
    Berkeley, CA 94704-0778, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200313678 A1 20030220 (WO 0313678)
  Application: WO 2002US25105 20020806 (PCT/WO US0225105)
  Priority Application: US 2001927742 20010810
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 39849

Fulltext Availability:
  Claims

Claim
... program instrument is at least one of a printed ticket, a magnetic
  card, a room **key** , a portable wireless device and a smart card. 102. The
  loyalty program transaction network of...printed on said substrate, an
  alpha-numeric character printed on said substrate, a Radio Frequency
  Identification (RFID) tag **embedded** in said substrate, an RFID tag
  printed on said substrate and combinations thereof.

88
. The...claim 147, wherein the loyalty program data is one of 1) loyalty
program information, 2) **biometric** information, 3) player preferences,
4) promotional information, 5) gaming machine configuration settings, 6)
prize information...
...for 1) parsing data, 2)
performing format conversion, 3) performing optical character
recognition, 4) performing **encryption** and 5) combinations thereof.
89
. The gaming machine of claim 144, further comprising:
a communication...machine, vi) an input of a code into the gaming
machine, vii) an input of **biometric** information into the gaming machine
and viii) combinations thereof.
158. Thegamingmachineofclaim156,whereinthesecondgamingevent
is one of...machine of claim 159, wherein stored data is one of 1)
loyalty program information, 2) **biometric** information, 3) player
preferences, 4) promotional information, 5) gaming machine configuration
settings, 6) prize information...wherein a portion of the wireless signal
receivers are located in gaming
machines; and
a **location** server for **determining** a **location** of one or more of the
wireless gaming devices and for tracking a status of...tag and a portable
communication device.
184. The gaming system of claim 177, wherein the **location** **determined**
for
1 5 the wireless gaming device is accurate to within about 1 foot or...
capable of receiving signals simultaneously from two or more wireless
gaming devices and wherein the **location** server is capable of
determining the wireless gaming device closest to a selected location.
186. The gaining system of claim...

19/3,K/5 **(Item 4 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00933152 **Image available**
**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES**
**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**
Patent Applicant/Assignee:
THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
, US (Residence), US (Nationality), (For all designated states except:
US)
Patent Applicant/Inventor:
WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
, US (Residence), US (Nationality), (Designated only for: US)
DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO
63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,
US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
(Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite

1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200267175 A2 20020829 (WO 0267175)
  Application: WO 2001US51437 20011019 (PCT/WO US0151437)
  Priority Application: US 2000694050 20001020
Parent Application/Grant:
  Related by Continuation to: US 2000694050 20001020 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
  SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 243912

Fulltext Availability:
  Detailed Description

Detailed Description
...   Branch ECARS; IC' = Claims
  nnection) determines which file the information is retrieved.

  - IF the passed **Identification** Code does not match those accepted by th
  ogram, generate a program exception error and...d return an unsuccessful
  Completion Status Code (ID') to the calling program.

  - When the passed **Identification** Code is,IB41, determine if the trading
  rtner's branch claims office is currently active...

  19/3,K/6   **(Item 5 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00926539   **Image available**
SYSTEM AND METHOD FOR REMOTELY GENERATING INSTRUMENTS
SYSTEME ET PROCEDE DE CREATION A DISTANCE D'INSTRUMENTS
Patent Applicant/Assignee:
  FIRST USA BANK N A, Three Christina Centre, 201 North Walnut Street,
    Wilmington, DE 19801, US, US (Residence), US (Nationality)
Inventor(s):
  TORGET John W, 834 McCombe Lane, Chadds Ford, PA 19317, US,
  WATTERS Kevin P, 107 Baynard Boulevard, Wilmington, DE 19803, US,
Legal Representative:
  SCOTT Thomas J Jr (et al) (agent), Hunton & Williams, 1900 K Street,
    N.W., Washington, DC 20006, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200259712 A2-A3 20020801 (WO 0259712)
  Application: WO 2001US45258 20011203 (PCT/WO US0145258)
  Priority Application: US 2000250127 20001201; US 2001800997 20010308
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 7332

Fulltext Availability:
  Detailed Description

Detailed Description
... S460.

   As an optional security feature, identification of the customer's remote
   location can be **verified** . An example of this **verification** is the
   customer's personal computer containing a preassigned **identification**
   number embedded in its memory. The bank system then **verifies** that
   the **identification** **number** **embedded** in the memory of the customer's
   computer matches the **identification** **number** previously assigned to
   that customer and recorded in the bank system. This optional feature
   preferably...
...location and add new locations by, for example, properly responding to a
   security question. Owner **verification** techniques, such as smart card or
   other readers, retinal, **fingerprint** or other **biometric** scans, or
   other security methods may be used. With the use of a security feature or
   check, once identification of the customer's remote location is **verified**
   , processing proceeds to S460.

   In S460, an electronic image of the instrument is sent to...

 19/3,K/7   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00909145   **Image available**
**PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED
    DESPECKLING MECHANISMS PROVIDED THEREIN**
**SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME
    DE DECHATOIEMENT INTEGRE**
Patent Applicant/Assignee:
  METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US
    (Residence), US (Nationality), (Designated only for: US)
  ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US
    (Residence), CN (Nationality), (Designated only for: US)
  SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence),
    US (Nationality), (Designated only for: US)
  AU Ka Man, 1224 Devereaux Avenue, Philadelphia, PA 19111, US, US
    (Residence), US (Nationality), (Designated only for: US)
  WIRTH Allan, 358 Concord Road, Bedford, MA 01730, US, US (Residence), US
    (Nationality), (Designated only for: US)
  GOOD Timothy A, 2041 Broad Acres Drive, Clementon, NJ 08021, US, US
    (Residence), US (Nationality), (Designated only for: US)
  JANKEVICS Andrew J, 80R Carlisle Road, Westford, MA 01886, US, US
    (Residence), US (Nationality), (Designated only for: US)
  GHOSH Sankar, Apartment #B27, 100 W. Oadk Lane, Glenolden, PA 19036, US,
    US (Residence), US (Nationality), (Designated only for: US)
  NAYLOR Charles A, 486 Center Street, Sewell, NJ 08080, US, US (Residence)
    , US (Nationality), (Designated only for: US)
  AMUNDSEN Thomas, 620 Glen Court, Turnersville, NJ 08012, US, US

(Residence), US (Nationality), (Designated only for: US)
BLAKE Robert, 762 Fairview Avenue, Woodbury Heights, NJ 08097, US, US
   (Residence), US (Nationality), (Designated only for: US)
SVEDAS William, 515 Longwood Avenue, Deptford, NJ 08096, US, US
   (Residence), US (Nationality), (Designated only for: US)
DEFONEY Shawn, 331 Fay Ann Court, Runnemede, NJ 08078, US, US (Residence)
   , US (Nationality), (Designated only for: US)
SKYPALA Edward, 1501 Old Blackhorse Pike, Suite 0-2, Blackwood, NJ 08012,
   US, US (Residence), US (Nationality), (Designated only for: US)
VATAN Pirooz, 6236 Avalon Drive, Wilmington, MA 01887, US, US (Residence)
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   US (Nationality), (Designated only for: US)
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   only for: US)
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WILZ David W Sr, 10 Orion Way, Sewell, NJ 08080, US, US (Residence), US
   (Nationality), (Designated only for: US)
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   , US (Nationality), (Designated only for: US)
Legal Representative:
   PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C.,
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Patent and Priority Information (Country, Number, Date):
   Patent: WO 200243195 A2 20020530 (WO 0243195)
   Application: WO 2001US44011 20011121 (PCT/WO US0144011)
   Priority Application: US 2000721885 20001124; US 2001780027 20010209; US
      2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US
      2001999687 20011031
Parent Application/Grant:
   Related by Continuation to: US 2001954477 20010917 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
   SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 298301
Fulltext Availability:
   Claims

Claim
... transducers (or flexural elements driven by voice-coil type devices)
   operated in a push-pull **mode** of operation; Fig. 115A is a perspective

view of an optical assembly comprising a PLIA...within an optical
assembly that employs a electro-optical or mechanically rotating aperture
(i.e. **iris**) disposed before the entrance pupil of the IFD module, to
provide a despeckling mechanism that...Fig. 68A is a schematic
representation of a PLIIM-based (and/or LDIP-based) passenger **biometric**
identification subsystem employing facial and 3-D body
profiling/recognition techniques, and a metal-detection...be mounted on
counters looking horizontally, embedded flush with the counter looking
vertically, or partially **embedded** in the counter looking vertically,
but having a "tower" portion which rises out above the...

...will be described. First Generalized Embodiment Of The PLIIM-Based·
System Of The Present Invention
I
The first generalized embodiment of the PLIIM-based system of the present
invention 1 is...minimum safe distance is maintained between the VLDs in
each PLIM and the user's **eyes** , and (ii) the planar laser illumination
beam is prevented from directly scattering into the FOV...

 19/3,K/8   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00892314
A METHOD AND SYSTEM FOR MERCHANT-TO-MERCHANT REFERRALS AND ITEM BROKERING
PROCEDE   ET   SYSTEME   POUR   NEGOCIER   DES   ARTICLES   ET   DES   REFERENCES DE
    COMMERCANT A COMMERCANT
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
    (Residence), US (Nationality)
Inventor(s):
  MARITZEM L Michael, 494 Curtner Road, Fremont, CA 94539, US,
Legal Representative: ·
  SOBRINO Maria McCormack (et al) (agent), Blakely, Sokoloff, Taylor &
    Zafman, 7th floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026, US
    /
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200225569 A1 20020328 (WO 0225569)
  Application: WO 2001US42035 20010905 (PCT/WO US0142035)
  Priority Application: US 2000234880 20000922; US 2000733750 20001208
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE. ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
  SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU·MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 22886

Fulltext Availability:
  Detailed Description   ·

Detailed Description
... that hackers can access the data or that accidental releases of the
  data occur.

  The **transaction   device** enhances. security by **authenticating** the user
  of

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the card prior to usage such that if a card is lost or stolen, it is
useless in the hands of an unauthorized person. One means of
authentication is some kind
of **PIN** code entry. Alternately, **authentication** may be achieved by
using
more sophisticated technologies such as a **biometric** solution (e.g.,
fingerprint recognition). In addition, in one embodiment in which
multiple **transaction devices** , e.g., a privacy card and a **digital
wallet** ., are used, it may be desirable to configure the first device to
enable and program...

...means of communication between the first device
and the second device may include mutual device **verification** so that an
unauthorized first device may not be used to enable a particular second
device that does not belong to the same or **authorized** user.

In one embodiment, the transaction device(s), POS terminals and/or
TPCH may function...

...can be used for data input as well as output. In one embodiment, a
user **authentication** mechanism such as a **fingerprint** recognition or
other
mechanism may be built directly into the card. Furthermore, the privacy
card...

19/3,K/9 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00892308
METHOD FOR CREATING A USER PROFILE THROUGH GAME PLAY
PROCEDE DE CREATION D'UN PROFIL D'UTILISATEUR PAR LE BIAIS D'UN JEU
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
    (Residence), US (Nationality)
Inventor(s):
  CANDELORE Brant L, 10124 Quail Glen Way, Escondido, CA 92029, US,
Legal Representative:
  SOBRINO Maria McCormack (et al) (agent), Blakely, Sokoloff, Taylor &
    Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026
    , US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200225560 A1 20020328 (WO 0225560)
  Application: WO 2001US42048 20010905 (PCT/WO US0142048)
  Priority Application: US 2000234859 20000922; US 2000733751 20001208
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
  SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 21823

Fulltext Availability:
  Detailed Description

Detailed Description

... that hackers can access the data or that accidental releases of the data occur.

The **transaction** **device** enhances security by **authenticating** the user of the card prior to usage such that if a card is lost or stolen, it is useless in the hands of an unauthorized person. One means of **authentication** is some kind of **PIN** code entry. Alternately, **authentication** may be achieved by using more sophisticated technologies such as a **biometric** solution (e.g., **fingerprint** recognition). In addition, in one embodiment in which multiple **transaction** **devices** , e.g., a privacy card and a **digital** **wallet** , are used, it may be desirable to configure the first device to enable and program...

...means of communication between the first device and the second device may include mutual device **verification** so that an unauthorized first device may not be used to enable a particular second device that does not belong to the same or **authorized** user.

In one embodiment, the transaction device(s), POS terminals and/or TPCH may function...

...can be used for data input as well as output. In one embodiment, a user **authentication** mechanism such as a **fingerprint** recognition or other mechanism may be built directly into the card. Furthermore, the privacy card...

 19/3,K/10   **(Item 9 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00876811   **Image available**
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVICE, OPERATING SYSTEM, AND NETWORK TRANSPORT NEUTRAL SECURE INTERACTIVE MULTI-MEDIA MESSAGING
SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR APPAREIL, SYSTEME D'EXPLOITATION ET MESSAGERIE MULTIMEDIA INTERACTIVE RESEAU, NEUTRE ET SECURISEE
Patent Applicant/Assignee:
  STORYMAIL INC, 15729 Los Gatos Boulevard, Los Gatos, CA 95032, US, US
    (Residence), US (Nationality)
Inventor(s):
  ILLOWSKY Daniel H, 21363 Dexter, Cuptertino, CA 95014, US,
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  BALDWIN Robert W, 990 Amarillo Avenue, Palo Alto, CA 94303, US,
  SAXBY David B, 14946 Granite Court, Saratoga, CA 95070, US,
Legal Representative:
  ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert
    LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US
    ,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200210962 A1 20020207 (WO 0210962)
  Application: WO 2001US23713 20010727 (PCT/WO US0123713)
  Priority Application: US 2000627357 20000728; US 2000627358 20000728; US
    2000627645 20000728; US 2000628205 20000728; US 2000706606 20001104; US
    2000706609 20001104; US 2000706610 20001104; US 2000706611 20001104; US
    2000706612 20001104; US 2000706613 20001104; US 2000706614 20001104; US
    2000706615 20001104; US 2000706616 20001104; US 2000706617 20001104; US
    2000706621 20001104; US 2000706661 20001104; US 2000706664 20001104; US
    2001271455 20010225; US 2001912715 20010725; US 2001912936 20010725; US
    2001912905 20010725; US 2001912773 20010725; US 2001912885 20010725; US
    2001912860 20010725; US 2001912941 20010725; US 2001912901 20010725; US

2001912772 20010725
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
  SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 169299
Fulltext Availability:
  Detailed Description

Detailed Description
... the download URL, their browser will launch and eventually the desired
  Story will play. This **document** describes the security relevant actions
  that take place between clicking the URL and the playing...

...the use'r, but that an attacker will be able to record all of this **data**
  for later analysis or replay. For example, the browser may be able to
  perform strong...URL of the Response Server and the public key for the
  Response Server are both **embedded** in the Story message, instead of, for
  example, appearing in the regular e-mail header...

 19/3,K/11   (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00826185   **Image available**
**APPARATUS, SYSTEMS AND METHODS FOR WIRELESSLY TRANSACTING FINANCIAL
    TRANSFERS, ELECTRONICALLY RECORDABLE AUTHORIZATION TRANSFERS, AND OTHER
    INFORMATION TRANSFERS**
**APPAREIL, SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES TRANSFERTS DE
    FONDS SANS FIL, DES TRANSFERTS D'AUTORISATION ENREGISTRABLES
    ELECTRONIQUEMENT ET D'AUTRES TRANSFERTS D'INFORMATIONS**
Patent Applicant/Inventor:
  SHORE Jon, 13652 Shiloh Drive, Conifer, CO 80433, US, US (Residence), US
    (Nationality)
Legal Representative:
  KHORSANDI Marilyn R (agent), Khorsandi Patent Law Group, ALC, Suite 312,
    140 S. Lake, Pasadena, CA 91101-4710, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200159732 A2-A3 20010816 (WO 0159732)
  Application: WO 2001US4258 20010209 (PCT/WO US0104258)
  Priority Application: US 2000181600 20000210; US 2000187924 20000308; US
    2000255980 20001215
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 30850

Fulltext Availability:

Detailed Description

Detailed Description
... data 1603. In an exemplary embodiment of a Directed Purpose System
device which provides a **biometric** reader, the user would hold a finger
on the **biometric** /on-off button interface on the Directed Purpose System
device so that the Directed Purpose System device would read the
biometric data 1606. In an alternative exemplary embodiment of a
Directed Purpose System device, the device...

...on FIG. 19a, with which the user could enter a user ID and/or a **PIN**
1606.
If after a pre-set number (e.g., two (2)) the Directed Purpose System...
to fill out which device.

If the computer is a "public" computer, e.g., an **authorized** service
center or another public computer or **kiosk** , the Directed Purpose System
device would transmit user ID, unique encrypted security code and
biometric data to the Server System via hardwire or infrared interface,
bypassing the public computer so...

 19/3,K/12   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00818699   **Image available**
SECURE ELECTRONIC COMMERCE SYSTEM
SYSTEME SECURISE DE COMMERCE ELECTRONIQUE
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
     (Residence), US (Nationality)
Inventor(s):
  LUDTKE Harold Aaron, 3587 Townsquare Drive, San Jose, CA 95127, US,
Legal Representative:
  SOBRINO Maria McCormack (et al) (agent), Blakely, Sokoloff, Taylor &
     Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026, US
     '
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200152212 A1 20010719 (WO 0152212)
  Application: WO 2000US35619 20001228 (PCT/WO US0035619)
  Priority Application: US 2000483584 20000114
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23928

Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... that hackers can access the data or that accidental releases of the
  data occur.

March 18, 2003 12 17:53

The **transaction** **device** enhances security by **authenticating** the user
of the card prior to usage such that if a card is lost or stolen, it is
useless in the hands of an unauthorized person. One means of
authentication is some kind of **PIN** code entry. Alternately,
authentication may be achieved by using more sophisticated technologies
such as a **biometric** solution (e.g., **fingerprint** recognition). In
addition, in one embodiment in which multiple **transaction** **devices** ,
e.g., a privacy card and a **digital** **wallet** , are used, it may be
desirable to configure the first device to enable and program...

...means of communication between the first device and the second device
may include mutual device **verification** so that an unauthorized first
device may not be used to enable a particular second device that does not
belong to the same or **authorized** user.

In one embodiment, the transaction device(s), POS terminals and/or
TPCH may function...can
be used for data input as well as output. In one embodiment, a user
authentication mechanism such as a **fingerprint** recognition or other
mechanism may be built directly into the card. Furthermore, the privacy
card...

Claim
... is selected from logic to confirm an identification selected from the
group consisting of a **PIN** code and **fingerprint** .

17 The electronic transaction device as set forth in claim 14, wherein
the communication logic...

19/3,K/13   (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806392
**TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF**
**PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET
PROCEDE ASSOCIE**
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
    2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200139086 A2 20010531 (WO 0139086)
  Application: WO 2000US32310 20001122 (PCT/WO US0032310)
  Priority Application: US 99444653 19991122; US 99447623 19991122
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English

March 18, 2003 13 17:53

Fulltext Word Count: 156214

Fulltext Availability:
  Detailed Description

Detailed Description
... to manage an enterprise's content; Figure 102 illustrates an exemplary
  template with tliree Dynarnic **Content** Areas (DCAs) **embedded** within
  the template in accordance with a method of associating a rule and
  content to...net result of this approach is that the business rules (from
  the
  application servers) are **embedded** into the applications along with the
  application logic or presentation,
  Another company, Open Market, is...the use of their services and/or
  devices,
  and
  (6) certain parties described by electronic **information** .

  WAF supports commercially secure "extended" value chain electronic
  agreements. WAF can be configured to support...

  19/3,K/14   (Item 13 from file: 349)
. DIALOG(R)File 349:PCT FULLTEXT
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00806389
SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE
    AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE
    LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE
    D'APPROVISIONNEMENT RESEAUTEE
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
    2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200139082 A2 20010531 (WO 0139082)
  Application: WO 2000US32228 20001122 (PCT/WO US0032228)
  Priority Application: US 99447625 19991122; US 99444889 19991122
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
  MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
  VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 152479

Fulltext Availability:
  Detailed Description

Detailed Description
... agents at remote office on-line terminals communicate with a central
  processor which includes a **data** bank, storing data as to n'sks to be

insured, elient information, insurance prenilum. information...

19/3,K/15   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806383
COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING
    DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
    AND METHOD THEREOF
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES
    STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN
    ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET
    PROCEDE ASSOCIE
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
    Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200139029 A2 20010531 (WO 0139029)
  Application: WO 2000US32309 20001122 (PCT/WO US0032309)
  Priority Application: US 99444655 19991122; US 99444886 19991122
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
  TJ TM TR TT TZ UA UG UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 157840

Fulltext Availability:
  Detailed Description

Detailed Description
... sectional, and regional exchanges communicate with each other via high
  bandwidth inter-toll trunks. The **number** of different kinds of switching
  centers and their specific topology varies from country to country...As
  mentioned before, routers are the computers that make such choices. For
  the routing of **information** from one host within a network to another
  host on the same network, the datagranis...
...network.

  This type of communication is what we think of when we speak of routing
  information across the Internet backbone. In indirect delivery, routers
  are required. To send a datagrain, the...

...then forwards the datagram towards the destination network. Recall that
  routers generally do not keep **track** of the individual host addresses
  (of which there are millions), but rather just keeps track...

19/3,K/16   (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00803948   **Image available**
METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS
    AND CONSUMERS
PROCEDE   ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES
    VENDEURS ET DES CONSOMMATEURS
Patent Applicant/Assignee:
  IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,
    US (Residence), US (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),
    US (Nationality), (Designated only for: US)
Legal Representative:
  PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,
    1266 East Main Street, Stamford, CT 06902, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200137540 A2-A3 20010525 (WO 0137540)
  Application: WO 2000US31757 20001117   (PCT/WO US0031757)
  Priority Application: US 99441973 19991117; US 99447121 19991122; US
    99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US
    2000641908 20000818; US 2000695744 20001024
Parent Application/Grant:
  Related by Continuation to: US 99441973 19991117 (CIP); US 99447121
    19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114
    (CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US
    2000695744 20001024 (CIP)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English·
Filing Language: English
Fulltext Word Count: 116871

Fulltext Availability:
  Claims

Claim
... 3A19C, and an image processor for processing the same to detect the
  presence of human **eyes** glazing at the display surface of the kiosk.
  Such images are captured using image capture...

...preprocessed image of the captured scenery, so as to detect one or more
  pairs of **eyes** within the captured image, indicative that human **eyes**
  were gazing at the product advertisement and promotion being displayed at
  the time-stamped instant of the captured image. Conventional **eye**
  -tracking algorithm software known in the art can be used or otherwise
  adapted to perform this image processing function. Each time a pair of
  eyes is detected, data indicative thereof (including the time stamp) can
  be stored within long-term...

...of) fi-ames per
  Page 122
  second to collect accurate information about the number of **eyes** gazing
  at the displayed advertisements, within the field of view of the kiosk,
  which is...be written to the hard drive of the kiosk, and eventually be

compared against the **eye** -tracking data recorded thereon to determine
the number of **eyes** which gazed at each product advertisement/promotion
displayed on each product promotion kiosk, within a...

...a given date, as indicated by the exemplary report shown in Fig. 3A24.
Periodically, this **information** can be transferred to a
retailer-operated server on the LAN or WAN for comparison...

...comprises a plurality of labeled information fields for each product
registered
therewith, namely: an IPN` **Information** Field for stori

ng **information** (e.g. numeric or
alphanumeric string) representative of the Universal Product Number (e.g.
twelve...the product; a Product Update Information Field for storing
information representative of URLs pointing to **information** on the
Internet relating to product updates, recalls, notices, etc; a Product
Distributor (e.g...of presence. One alternative technique would be to
embed the CPIR-enabling Applet within a **thumbnail** or large size
photo-image of the consumer product being offered for sale, lease,
auction...

 19/3,K/17   (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784136
**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES
    PATTERNS IN A NETCENTRIC ENVIRONMENT**
**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE
    LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE
    L'INTERNET**
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
    , US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
    2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116728 A2-A3 20010308 (WO 0116728)
  Application: WO 2000US24197 20000831 (PCT/WO US0024197)
  Priority Application: US 99387658 19990831
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
  SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150863

Fulltext Availability:
  Detailed Description

Detailed Description

... house the majority of the business processing logic on the server, supporting the thin-client **model** . However, as technology evolves, this balance is beginning to shift, allowing business logic code bundled... competing concerns. Patterns are a more formal way to document codified knowledge, or rules-of- **thumb** .

Patterns represent the codified work and thinking of our object technology experts. While experts generally rely on mental recall or rules-of- **thumb** to apply informal patterns as opportunities are presented, the formalization of the patterns approach allows...

19/3,K/18   (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00773858   **Image available**
ELECTRONIC RECORDING, ANALYSIS, EDITING, AND PLAYBACK OF SCENTS
SYSTEME ET PROCEDE SERVANT A ENREGISTRER, ANALYSER, EDITER ET REPRODUIRE
   ELECTRONIQUEMENT DES ODEURS
Patent Applicant/Assignee:
  LIBRA DIGITAL LLC, 1814 Franklin Str., Suite 720, Oakland, CA 94612, US,
    US (Residence), US (Nationality), (For all designated states except:
    US)
Patent Applicant/Inventor:
  BELLENSON Joel, 244 Lakeside Drive, Apt. 15, Oakland, CA 94612, US, US
    (Residence), US (Nationality), (Designated only for: US)
  SMITH Dexster, 868 Trestle Glen Road, Oakland, CA 94610, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KERR Jeff, 1713 Alameda de las Pulgas, Redwood City, CA 94025, US, US
    (Residence), US (Nationality), (Designated only for: US)
  HUNICKE-SMITH Scott, 58 Henderson Place, Menlo Park, CA 94025, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  CERPA Robert K (et al) (agent), Morrison & Foerster LLP, 755 Page Mill
    Road, Palo Alto, CA 94304-1018, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200107093 A1 20010201 (WO 0107093)
  Application: WO 2000US20029 20000721 (PCT/WO US0020029)
  Priority Application: US 99145412 19990723; US 99155126 19990922; US
    99158495 19991008; US 99158615 19991008; US 2000181113 20000208; US
    2000181115 20000208; US 2000184809 20000224; US 2000188332 20000309
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 36616

Fulltext Availability:
  Claims

Claim
... of operating the same; US Patent No. 5,761,07 1, which describes a
  browser/ **kiosk** system; US Patent No. 5,727,186, a simulation apparatus
  and gas dispensing device used...to improve or enhance desirable
  characteristics. In the context of multimedia presentations, the

March 18, 2003 18 17:53

electronic scent **data** may be **embedded** in a multimedia file to synchronize the production of scents along with visual and audio...movie theater, and other such events. In another embodiment, the invention provides a method for **fingerprinting** a scent. This method comprises the steps of representing the scent based on one or...

...to obtain a scent representation, and electronically representing the scent representation to form a electronic **fingerprint** of the scent, where the scent can be substantially identified based on the electronic scent...

...the execution of the another file. The electronically represented scent profile can be a electronic **fingerprint** of the scent. The means for reproducing the scent can comprise means for transforming the...scent profiles each based on one or more elements from a ordered set of elements, **authorizing** user access to the depository, 1 5 and providing access to the depository to **authorized** users. The depository can be made available for access via an information exchange network, such...
...of a plurality of electronic scent files, each corresponding to a different scent. The electronic **content** can comprise video (**visual**) **content** , **audio** **content** , or both video and **audio** **content** , and the operation of the scent emitting device and the application of the electronic scent...

...can controlled such that the scent generated is synchronized to the events in the video **content** , **audio** **content** , or both the video and **audio** **content** during playback thereof. Examples of electronic content include, but are not limited to, movies, videos...

 19/3,K/19   (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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 00769544   **Image available**
AUTOMATED TRANSACTION EXECUTION SYSTEM WITH A PLURALITY OF USER INTERFACES
SYSTEME AUTOMATISE D'EXECUTION DES TRANSACTIONS COMPORTANT UNE PLURALITE
    D'INTERFACES UTILISATEURS
Patent Applicant/Inventor:
  MCNAUGHTON Alan G, 100 Discovery Place One, 3553 - 31 St. N.W., Calgary,
    Alberta T2L 2K7, CA, CA (Residence), CA (Nationality)
  SINTON E John R, 1525 Lochlin Trail, Mississauga, Ontario L5G 3V6, CA, CA
    (Residence), CA (Nationality)
Legal Representative:
  ORANGE John R S, Orange & Chari, Toronto Dominion Tower, Suite 4900, P.O.
    Box 190, 66 Wellington Street West, Toronto, Ontario M5K 1H6, CA
Patent and Priority Information (Country, Number, Date):
  Patent: ·   WO 200103081 A1 20010111 (WO 0103081)
  Application: WO 2000CA772 20000630 (PCT/WO CA0000772)
  Priority Application: CA 2276637 19990630
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 30308

Fulltext Availability:
  Claims

Claim
...   SUBSTITUTE SHEET (RULE 26)
  . The system according to claim 101 wherein the format of said
  authorization request sent from the TEM is in the form of a legacy ATM
  driving protocol...

...The system according to claim 101 wherein the protocol used between the
  TEM and the **authorization** authority is any one of Diebold 911/912 or
  similar proprietary legacy ATM driving protocols...

...protocol. 118. The system provided in claims 101 through 109 wherein if
  said request is **authorized** then one document is next accessed by TEM's
  browser and if said request is...

...of appropriate documents to be accessed are based upon the response to
  said request for **authorization** , and are communicated to the TEM within
  a prior document accessed by the browser.
  72...

...is accessed is dependant upon a results code contained in said response
  to said dispense **authorization** request. 121. The system provided in
  claims 101 through 112 where if the TEM fails to receive a response to a
  request for **authorization** within a certain period of time then the
  software in the TEM operates to cause...26)
  . A dynamically brandable TEM according to claim 124, where said
  user-provided information comprises **biometric** measurement of user at
  TEM. 134. The dynamically brandable TEM according to claim 124, wherein
  ...

...card. 136. The dynamically brandable TEM according to claim 127, wherein
  said magnetic strip comprises **information** which uniquely **identifies**
  said selected institution. 137. The dynamically brandable TEM according
  to claim 127, wherein said magnetic strip comprises an Issuer
  Identification **Number** . 138. The dynamically brandable TEM according to
  claim 127, wherein said magnetic strip comprises a Bank **Identification**
  Number . 139. The dynamically brandable TEM according to claim 127,
  wherein said magnetic strip comprises a...

...141. The dynamically brandable TEM according to claim 132, wherein said
  smart card comprises unique **information** which uniquely **identifies**
  said selected institution. 142. The dynamically brandable TEM according
  to claim 132, wherein said smart card comprises an Issuer **Identification**
    Number . 143. The dynamically brandable TEM according to claim 132,
  wherein said smart card comprises a Bank **Identification** **Number** .
  75
  SUBSTITUTE SHEET (RULE 26)
  . The dynamically brandable TEM according to claim 132, wherein said...

...137, wherein said identifiers for said institutions are selected from
  the group comprising: an Issuer **Identification** **Number** , a Bank
  Identification **Number** , a URL, and a proprietary scheme known to said
  system. 148. The dynamically brandable TEM...

...wherein said portable device is selected from the group comprising: a
  personal digital assistance, an **electronic** **wallet** , a laptop, a
  handheld computer, and a wireless phone. 156. The dynamically brandable
  TEM according...

...The dynamically brandable TEM according to claims 142 through 145,

wherein said TEM is an **ATM** . 159. The dynamically brandable TEM according to claims 142 through 145, wherein said TEM is a **kiosk** . 160. The dynamically brandable TEM according to claims 124 through 145, and claims 147 and...s provided depository paper items including forms, applications, negotiable items, and currency; capturing the users **signature** ; capturing the user's photographic or video or visual image; optically or magnetically scanning a...

...according to claim 155 wherein the dispense request is transmitted by said TEM to the **authorizing** authority responsible for that TEM. 172. The dynamically brandable TEM according to claim 156 where the format of said **authorization** request is in a forin of ISO 8583 message. 173. The dynamically brandable TEM according to claim 156 wherein the format of said **authorization** request is in a forni of XML document. 79
SUBSTITUTE SHEET (RULE 26)
. The dynamically brandable TEM according to claim 156 where said **authorization** request is sent in a form where the message numbers, fields within messages, field contents...
...159 wherein the encoding, representation and other aspects of the form and format of said **authorization** request **data** is in a **document** which is in substantial compliance with an XML standard. 176. The dynamically brandable TEM according to claim 156 wherein the format of said **authorization** request sent from said TEM is a forin of legacy **ATM** driving protocol. 177. The dynamically brandable TEM according to claim 156 wherein the protocol used between the TEM and the **authorization** authority is selected from a list of such protocols comprising (at least):Diebold 91 1...

...The dynamically brandable TEM according to claims 155 through 161 wherein if the request is **authorized** then one document is next accessed by the browser. 179. The dynamically branded TEM according...The dynamically brandable TEM according to claims 155 through 161 wherein if said request is **authorized** then one document is next accessed by TEM's browser. 184. The dynamically brandable TEM...

...location of documents to be accessed are based upon the response to said request for **authorization** , and are communicated to said TEM within a prior document accessed by the browser. 186...

...the appropriate documents to be accessed is based upon the response to the request for **authorization** , are communicated to said TEM within a prior document accessed by the browser. 187. The...

...is accessed is dependant upon a results code contained in the response to said dispense **authorization** request. 188. The dynamically brandable TEM according to claims 156 through 169 where if said TEM falls to receive a response to a request for **authorization** within a certain period of tli-ne then the software in said TEM will cause... owner/operator of said TEM operates said TEM during said interaction session as an information **kiosk** . 221. The system according to claim 189, wherein an owner/operator of said TEM operates...

...to the TEM
C. operatively coupling the TEM with a desired institution based upon said
 information , said institution including **identifiable** branding
d. configuring TEM with the branding o

f the said desired institution. e. allowing...

19/3,K/20   (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00769543   **Image available**
MULTIPERSONALITY AUTOMATED TRANSACTION EXECUTION SYSTEM WITH MACRO ACCOUNT
SYSTEME   D'EXECUTION   DE   TRANSACTIONS   AUTOMATISEES   MULTIPERSONNALITES
    COMPORTANT UN MACROCOMPTE
Patent Applicant/Inventor:
  MCNAUGHTON Alan G, 100 Discovery Place One, 3553 - 31 St. N.W., Calgary,
    Alberta T2L 2K7, CA, CA (Residence), CA (Nationality)
  SINTON E John R, 1525 Lochlin Trail, Mississauga, Ontario L5G 3V6, CA, CA
    (Residence), CA (Nationality)
Legal Representative:
  ORANGE John R S, Orange & Chari, Suite 4900, P.O. Box 190, Toronto
    Dominion Bank Tower, 66 Wellington Street West, Toronto, Ontario M5K
    1H6, CA
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200103080 A1 20010111 (WO 0103080)
  Application: WO 2000CA771 20000630 (PCT/WO CA0000771)
  Priority Application: CA 2276637 19990630
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 32373

Fulltext Availability:
  Claims

Claim
... SUBSTITUTE SHEET (RULE 26)
  . The system according to claim 101 wherein the format of said
  authorization request sent from the TEM is in the form of a legacy ATM
  driving protocol...

...The system according to claim 101 wherein the protocol used between the
  TEM and the **authorization** authority is any one of Diebold 911/912 or
  similar proprietary legacy ATM driving protocols...

...protocol. 118. The system provided in claims 101 through 109 wherein if
  said request is **authorized** then one document is next accessed by TEM's
  browser and if said request is...

...of appropriate documents to be accessed are based upon the response to
  said request for **authorization** , and are communicated to the TEM within
  a prior document accessed by the browser.
  75...

...is accessed is dependant upon a results code
  contained in said response to said dispense **authorization** request,
  121. The system provided in claims 101 through 112 where if the TEM fails
  to receive a response to a request for **authorization** within a certain
  period of time then the software in the TEM operates to cause...26)
  . A dynamically brandable TEM according to claim 124, where said
  user-provid6d information comprises **biometric** measurement of user at

TEM. 134. The dynamically brandable TEM according to claim 124, wherein
...

...The dynamically brandable TEM according to claim 127, wherein said
magnetic strip comprises an Issuer **Identification** **Number** . 138. The
dynamically brandable TEM according to claim 127, wherein said magnetic
strip comprises a Bank **Identification** **Number** . 139. The dynamically
brandable TEM according to claim 127, wherein said magnetic strip
comprises a...

...141. The dynamically brandable TEM according to claim 132, wherein said
smart card comprises unique **information** which uniquely **identifies**
said selected institution. 142. The dynamically brandable TEM according
to claim 132, wherein said smart card comprises an Issuer **Identification**
 Number . 143. The dynamically brandable TEM according to claim 132,
wherein said smart card comprises a Bank **Identification** **Number** .
78
SUBSTITUTE SHEET (RULE 26)
. The dynamically brandable TEM according to claim 132, wherein said...

...137, wherein said identifiers for said institutions are selected from
the group comprising: an Issuer **Identification** **Number** , a Bank
Identification **Number** , a URL, and a proprietary scheme known to said
system. 148. The dynamically brandable TEM...

...wherein said portable device is selected from the group comprising: a
personal digital assistance, an **electronic** **wallet** , a laptop, a
handheld computer, and a wireless phone. 156. The dynamically brandable
TEM according...
...The dynamically brandable TEM according to claims 142 through 145,
wherein said TEM is an **ATM** . 159. The dynamically brandable TEM
according to claims 142 through 145, wherein said TEM is a **kiosk** . 160.
The ...s provided depository paper items including forms, applications,
negotiable items, and currency; capturing the users **signature** ;
capturing the user's photographic or video or visual image; optically or
magnetically scanning a...

...according to claim 155 wherein the dispense request is transmitted by
said TEM to the **authorizing** authority responsible for that TEM. 172.
The dynamically brandable TEM according to claim 156 where the format of
said **authorization** request is in a fonn of ISO 8583 message. 173. The
dynamically brandable TEM according to claim 156 wherein the format of
said **authorization** request is in a form of XML document.
82
SUBSTITUTE SHEET (RULE 26)
. The dynamically brandable TEM according to claim 156 where said
authorizatiod request is sent in a form where the message numbers,
fields within messages, field contents...

...159 wherein the encoding, representation and other aspects of the form
and format of said **authorization** request **data** is in a **document**
which is in substantial compliance with an XML standard. 176. The
dynamically brandable TEM according to claim 156 wherein the fon-nat of
said **authorization** request sent from said TEM is a form of legacy **ATM**
driving protocol. 177. The dynamically brandable TEM according to claim
156 wherein the protocol used between the TEM and the **authorization**
authority is selected from a list of such protocols comprising (at
least):Diebold 91 1...

19/3,K/21 **(Item 20 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT

00749027   **Image available**
UNIVERSAL SYNCHRONOUS NETWORK SYSTEM FOR INTERNET PROCESSOR AND WEB OPERATING ENVIRONMENT
SYSTEME DE RESEAU SYNCHRONE UNIVERSEL POUR PROCESSEUR INTERNET ET ENVIRONNEMENT DE FONCTIONNEMENT INTERNET
Patent Applicant/Assignee:
  STANFORD SYNCOM INC, 2390 Walsh Avenue, Santa Clara, CA 95051, US, US
    (Residence), US (Nationality)
Inventor(s):
  TRANS Francois, 1504 Clay Drive, Los Altos, CA 94024, US
Legal Representative:
  MCNELIS John T, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA
    94306, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200062470 A1 20001019 (WO 0062470)
  Application: WO 2000US10101 20000414 (PCT/WO US0010101)
  Priority Application: US 99129314 19990414; US 99417528 19991013; US
    99444007 19991119; US 99170455 19991213; WO 68US42 20000315
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
  UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 97387

Fulltext Availability:
  Detailed Description

Detailed Description
... long -term drift and short term jitter. This allows Internet and long
  distance WAN communication **data** synchronization problem to be resolved
  at the edge synchronization of the network.

  1) Summary of...

 19/3,K/22   (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00566667   **Image available**
ADVANCED DEFERRED SHADING GRAPHICS PIPELINE PROCESSOR
PROCESSEUR PIPELINE GRAPHIQUE EVOLUE A OMBRAGE DIFFERE
Patent Applicant/Assignee:
  APPLE COMPUTER INC, 1 Infinite Loop, Cupertino, CA 95014-2084, US, US
    (Residence), US (Nationality)
Inventor(s):
  DULUK Jerome F Jr, 950 North California Drive, Palo Alto, CA 94303, US,
  HESSEL Richard E, 3225 Flemington Court, Pleasanton, CA 94588, US,
  ARNOLD Vaughn T, 621 Canepa Drive, Scotts Valley, CA 95066, US,
  BENKUAL Jack, 11661 Timber Spring Court, Cupertino, CA 95014, US,
  BRATT Joseph P, 1045 Oaktree Drive, San Jose, CA 95129, US,
  CUAN George, 798 Lusterleaf Drive, Sunnyvale, CA 94086, US,
  DODGEN Steven L, 15735 Forest Hill Drive, Boulder Creek, CA 95006, US,
  FANG Emerson S, 1197 Wisteria Drive, Fremont, CA 94539, US,

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PAPAKIPOS Matthew N, 1701 Oak Avenue, Menlo Park, CA 94025, US,
REDGRAVE Jason R, 278 Martens Avenue, Mountain View, CA 95040, US,
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TUCK Nathan D, 8666 Somerset Avenue, San Diego, CA 92123, US,
GO Shun Wai, 370 Sandhurst Drive, Milpitas, CA 95035, US,
FUNG Lindy, 358 Pescadero Terrace, Sunnyvale, Ca 94086, US,
NGUYEN Tuan D, 5327 Birch Grove Drive, San Jose, CA 95123, US,
GRASS Joseph P, 357 Lennox Avenue, Menlo Park, CA 94025, US,
HONG Bor-Shyue, 2325 Oak Flat Road, San Jose, CA 95131, US,
MAMMEN Abraham, 2780 Lylewood Drive, Pleasanton, CA 94588, US,
RASHID Abbas, 34369 Eucalyptus Terrace, Fremont, CA 94555-1982, US,
TSAY Albert Suan-Wei, 38129 Cambridge Court, Fremont, CA 94536, US,
Legal Representative:
ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & HerberT
    LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187, US
,

Fulltext Availability:
    Detailed Description

Detailed Description
... advantageously includes one or more of a command fetch and decode
unit, geometry unit, a **mode** extraction unit and a polygon memory, a
sort unit and a sort memory, setup unit...DSGP can operate in two
distinct modes: 1) Time Order Mode, and 2) Sorted Transparency **Mode** .
Time Order Mode is described above, and is designed to preserve, within
any particular tile...resolution, each map representing the appearance of
the texture at a given distance from the **eye** point. To produce a
texture value for a given pixel fragment, the Texture block performs...
by-mode), while the other SMEM page is sending its geometry (primitive by
primitive and **mode** by mode) down the rest of the - 65 pipeline. SRT
includes two processes that operate...primitive (i.e. point, line,
triangle, line-mode triangle); its geometry such as window and **eye**
coordinates, normal, color, and texture coordinates at the vertices of
the primitive; and the rendering...is not needed for hidden surface
removal, generally including texture coordinates, the vertex location in
eye coordinates, surface normals, and vertex colors and shading
parameters. This information is stored into Polygon...generally includes
the following per-light information: light type, attenuation constants,
spotlight parameters, light positional **information** , and light color
information (including ambient, diffuse, and specular colors). In this
embodiment, the light...

March 18, 2003 25 17:53

19/3,K/23   (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00459165   **Image available**
UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)
MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)
Patent Applicant/Assignee:
  DATIG William E,
Inventor(s):
  DATIG William E,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9849629 A1 19981105
  Application: WO 98US8527 19980427 (PCT/WO US9808527)
  Priority Application: US 97847230 19970501; US 97876378 19970616; US
    9833676 19980303
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
  MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
  UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
  CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
  ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 265553
Fulltext Availability:
  Claims

Claim
... point of view. Conventional grammars are devoid of semantic structure
  because they look through the **eyes** of an already-enabled I 0 being
  instead of an enabler of beings who know...5
  Theory, Androids, or Synthetic Beings
  INTRODUCTION
  The earlier chapters of the book demonstrate the **key** postulates of the
  unified theory and provide an epistemological basis for the science of
  androids...

19/3,K/24   (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS
    PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION
    ELECTRONIQUE DES DROITS
Patent Applicant/Assignee:
  ELECTRONIC PUBLISHING RESOURCES INC,
Inventor(s):
  GINTER Karl L,
  SHEAR Victor H,
  SPAHN Francis J,
  VAN WIE David M,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9627155 A2 19960906
  Application: WO 96US2303 19960213 (PCT/WO US9602303)
  Priority Application: US 95388107 19950213
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
  GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL

PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY
KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 207972

Fulltext Availability:
  Detailed Description

Detailed Description
...   allowing a person to charge
  her usage to someone else's (or a non-existent) **credit** card. These
  are merely a few simple examples demonstrating the importance
  of ROS 602 ensuring...
?

?t15/3,k/all

15/3,K/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01436053
Media manager for controlling autonomous media devices within a network environment
Medienverwaltungseinheit zur Steuerung selbstandiger Medieneinheiten in einer Netzwerkumgebung
Gestionnaire de medias pour controler les dispositifs autonomes de medias dans un environnement de reseau
PATENT ASSIGNEE:
    Sony Electronics Inc., (1360226), One Sony Drive, Park Ridge, New Jersey 07656, (US), (Applicant designated States: all
INVENTOR:
    Ludtke, Harold A. , 3587 Townsquare Drive, San Jose, CA 95127, (US)
    Fairman, Bruce, 275 Martinez Road, Woodside, CA 94062, (US)
    Smyers, Scott D., 6170 Manusco Street, San Jose, CA 95120, (US
LEGAL REPRESENTATIVE:
    DeVile, Jonathan Mark, Dr. (91151), D. Young & Co 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1217787 A2 020626 (Basic)
APPLICATION (CC, No, Date): EP 2002075339 990429;
PRIORITY (CC, No, Date): US 75047 980508
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
    EP 1076961 (EP 99921571)
INTERNATIONAL PATENT CLASS: H04L-012/24
ABSTRACT WORD COUNT: 237
NOTE:
    Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200226	1252
SPEC A	(English)	200226	9165
Total word count - document A			10417
Total word count - document B			0
Total word count - documents A + B			10417

PATENT ASSIGNEE:
    Sony Electronics Inc...
INVENTOR:
    Ludtke, Harold A....

...SPECIFICATION an alternate embodiment of the present invention, each device, as part of the self-describing **data** , has an **embedded** DCM, ensuring that the software is always available regardless of where the device is taken...

15/3,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01109450
MEDIA MANAGER FOR CONTROLLING AUTONOMOUS MEDIA DEVICES WITHIN A NETWORK ENVIRONMENT

MEDIENVERWALTUNGSEINHEIT ZUR STEUERUNG VON UNABHANGIGEN MEDIENGERATEN IN EINER NETZWERKUMGEBUNG
GESTIONNAIRE DE SUPPORTS COMMANDANT DES DISPOSITIFS SUPPORTS AUTONOMES DANS UN ENVIRONNEMENT RESEAU ET GERANT LES FLUX ET FORMATS DES DONNEES TRANSITANT ENTRE LES DISPOSITIFS
PATENT ASSIGNEE:
   Sony Electronics Inc., (1360225), 1 Sony Drive, Park Ridge, New Jersey 07656-8003, (US), (Proprietor designated states: all
INVENTOR:
   LUDTKE, Harold, A. , 3587 Townsquare Drive, San Jose, CA 95127, (US)
   FAIRMAN, Bruce, 275 Martinez Road, Woodside, CA 94062, (US)
   SMYERS, Scott, D., 6170 Manusco Street, San Jose, CA 95120, (US
LEGAL REPRESENTATIVE:
   DeVile, Jonathan Mark, Dr. (91151), D. Young & Co 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date):   EP 1076961 A2   010221 (Basic)
                               EP 1076961 B1   030108
                               WO 99059072 991118
APPLICATION (CC, No, Date):   EP 99921571 990429; WO 99US9490 990429
PRIORITY (CC, No, Date): US 75047 980508
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED DIVISIONAL NUMBER(S) - PN (AN):
   EP 1217787 (EP 2002075339)
INTERNATIONAL·PATENT CLASS: H04L-012/40; H04L-029/08; G06F-013/00
NOTE:
   No A-document published by EPO
LANGUAGE (Publication, Procedural, Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200302	760
CLAIMS B	(German)	200302	664
CLAIMS B	(French)	200302	922
SPEC B	(English)	200302	9487

Total word count - document A   0
Total word count - document B   11833
Total word count - documents A + B 11833

PATENT ASSIGNEE:
   Sony Electronics Inc...
INVENTOR:
   LUDTKE, Harold, A ...

...SPECIFICATION an alternate embodiment of the present invention, each device, as part of the self-describing **data** , has an **embedded** DCM, ensuring that the software is always available regardless of where the device is taken...

 15/3,K/3   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00969539   **Image available**
SYSTEM AND METHOD OF SECURE REVERSE PAYMENT
SYSTEME ET PROCEDE DE PAIEMENT RENVERSE SECURISE
Patent Applicant/Assignee:
   SONY ELECTRONIC INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US (Residence), US (Nationality), (For all designated states except: US
Patent Applicant/Inventor:
   MARITZEN Michael, 3300 Zanker Road, San Jose, CA 95134, US, -- (Residence), -- (Nationality), (Designated only for: US)

TSUKAMURA Yoshihiro, 680 Kinderkamack Road, Oradell, NJ 07649, US, --
    (Residence), -- (Nationality), (Designated only for: US)
YASUDA Hiroyuki, 680 Kinderkamack Road, Oradell, NJ 07649, US, --
    (Residence), -- (Nationality), (Designated only for: US
Legal Representative:
  BUTT Richard H (agent), Valley Oak Law, 5655 Silver Creek Valley Road,
    #106, San Jose, CA 95138, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 2002103600 A1 20021227 (WO 02103600)
  Application: WO 2002US16655 20020528 (PCT/WO US0216655)
  Priority Application: US 2001298425 20010614; US 2002108582 20020327
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7324

Patent Applicant/Assignee:
  SONY ELECTRONIC INC...
Patent Applicant/Inventor:
  MARITZEN Michael...
Fulltext Availability:
  Detailed Description

Detailed Description
... the account to be used.

  [0043] In another embodiment, the memory 215 also stores the **embedded
  content** received by the privacy card.

  [0044] In another embodiment, the memory 215 also stores the...320, to
  perform the functionality described herein. Memory 320 may also store
  data including financial **information** , eCoupons, shopping lists,
  embedded **content** , and the like. The PTID 305 may be configured to have
  additional storage. In one...such as data mining, financial settlement
  and allocation of payments to internal and external accounts, **embedded
  content** management, and registration of new users joining the system.

  [0064] The security management functions 520...

 15/3,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00963922   **Image available**
**SYSTEM AND METHOD FOR SECURE ENTRY AND AUTHENTICATION OF CONSUMER-CENTRIC
    INFORMATION**
**SYSTEME ET PROCEDE PERMETTANT UNE SAISIE ET UNE AUTHENTIFICATION SECURISEES
    D'INFORMATIONS CENTREES SUR UN CONSOMMATEUR**
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
    (Residence), US (Nationality), (For all designated states except: US
Patent Applicant/Inventor:
  MARITZEN Michael, 3300 Zanker Road, San Jose, CA 95134, US, US
    (Residence), US (Nationality), (Designated only for: US)

LUDTKE Harold Aaron , 3587 Townsquare Drive, San Jose, CA 95127, US, US
  (Residence), US (Nationality), (Designated only for: US)
YASUDA Hiroyuki, 680 Kinderkamack Road, Oradell, NJ 07649, US, US
  (Residence), JP (Nationality), (Designated only for: US)
NIWA Kiyohiko, 680 Kinderkamack Road, Oradell, NJ 07649, US, US
  (Residence), JP (Nationality), (Designated only for: US)
CHATANI Masayuki, 919 East Hilldale Boulevard, Foster City, CA 94404, US,
  US (Residence), JP (Nationality), (Designated only for: US)
TSUKAMURA Yoshihiro, 680 Kinderkamack Road, Oradell, NJ 07649, US, US
  (Residence), JP (Nationality), (Designated only for: US
Legal Representative:
  BUTT Richard H (agent), Valley Oak Law, 5655 Silver Creek Valley Road,
    #106, San Jose, CA 95138, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200298054 A1 20021205 (WO 0298054)
  Application: WO 2002US16801 20020528 (PCT/WO US0216801)
  Priority Application: US 2001294499 20010529; US 2001294493 20010529; US
    2001294491 20010529; US 2002109469 20020327
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7835

Patent Applicant/Assignee:
  SONY ELECTRONICS INC...
Patent Applicant/Inventor:
  MARITZEN Michael...

...Designated only for: US)
  LUDTKE Harold Aaron ...
Fulltext Availability:
  Detailed Description

Detailed Description
... the account to be used.

[0042] In another embodiment, the memory 215 also stores the **embedded
content**   received by the privacy card.

[0043] In another embodiment, the memory 215 also stores the...320, to
perform the functionality described herein. Memory 320 may also store
data including financial **information** , eCoupons, shopping lists,
embedded   content , and the like. The PTD 305 may be configured to have
additional storage. In one...such as data mining, financial settlement
and allocation of payments to internal and external accounts, **embedded
content** management, and registration of new users joining the system.

[0063] The security management functions 520...

 15/3,K/5   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00869543   **Image available**

                        March 18, 2003 4 17:45

METHOD OF AND APPARATUS FOR RECORDING TIME SENSITIVE DATA WITHIN A STORAGE
    DEVICE AND RESYNCHRONIZING THE DATA WHEN TRANSMITTING RECORDED DATA
    FROM THE STORAGE DEVICE IN ORDER TO REGAIN TIME SYNCHRONY AFTER A LAPSE
    IN SYNCHRONY OR ERROR CONDITION
PROCEDE ET DISPOSITIF POUR L'ENREGISTREMENT DE DONNEES A SENSIBILITE
    TEMPORELLE DANS UNE MEMOIRE ET POUR LA RESYNCHRONISATION DES DONNEES EN
    TRANSMISSION DEPUIS LA MEMOIRE AUX FINS DE RESYNCHRONISATION APRES
    DESYNCHRONISATION OU CONDITION D'ERREUR
Patent Applicant/Assignee:
  SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656-8003, US, US
    (Residence), US (Nationality
Inventor(s):
  SMYERS Scott D, 6170 Mancuso Street, San Jose, 94306, US,
  LUDTKE Harold A , 3587 Townsquare Drive, San Jose, CA 95127, US
Legal Representative:
  HAVERSTOCK Thomas B (et al) (agent), Haverstock & Owens LLP, 260 Sheridan
    Avenue, Suite 420, Palo Alto, CA 94306, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200203689 A1 20020110 (WO 0203689)
  Application: WO 2001US20281 20010625 (PCT/WO US0120281)
  Priority Application: US 2000608617 20000630
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
  SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10924

Patent Applicant/Assignee:
  SONY ELECTRONICS INC...
Inventor(s):
... **LUDTKE Harold A**
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  ...for appropriately adding the meta-data header to the packets within
  the recorded stream of **data** . The **embedded** stream processor (44) is
  also integral to the playback of recorded data, and is used...

Detailed Description
... for appropriately adding the meta-data header to the packets within
  the recorded stream. of **data** . The **embedded** stream processor is also
  integral to the playback of recorded data, and is used to...retrieved
  stream of data, storage media configured to store and retrieve the
  received stream of **data** and an **embedded** stream processor coupled to
  the interface circuit and to the storage media to add header...

...a retrieved stream of data, storage media for storing and retrieving the
  reccived stream of ·**data** and an **embedded** stream processor coupled to
  the interface circuit and to thc storage media for adding header...

...header data including a cycle mark value marking cyele boundaries within
  the recorded stream of **data** .

  The **embedded** stream processor also locates a first: eyele mark value

within the recorded 1 5 stream...from the IEEE 1394-1995 serial bus. The
interface circuit 42 then for---wards this **data** to the **embedded**
stream processor 44. The embedded stream processor 44 adds the meta-data
headers into the...Number 09/022,926, filed on February 12, 1998 and
entified "MEDIA
STORAGE DEVICE WITH **EMBEDDED** **DATA** FILTER FOR DYNAMICALLY
PROCESSING DATA DURING READ AND WRITE OPERATIONS. which is hereby
incorporated by...

...place the data in the appropriate format and add the appropriate
meta-data to the **data** . The **embedded** stream processor 44 can be
prograinmed to manipulate both asynchronous and isochronous data.

The packetization...is determined at the step 156 that an isochronous
header does follow the suspected meta- **data** header, then the **embedded**
stream processor 44 next determines, at the stepi 158, if the data length
value within...

Claim
... stream of data; b. storage media configured to store and retrieve the
received stream of **data** ; and e. an **embedded** stream processor coupled
to the interface circuit and to the 1 1 storage media to...

15/3,K/6   **(Item 4 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00833817   **Image available**
**SYSTEM AND METHOD FOR EFFECTIVELY IMPLEMENTING AN ELECTRONIC IMAGE MANAGER
    DEVICE**
**SYSTEME ET PROCEDE DE MISE EN OEUVRE EFFICACE D'UN DISPOSITIF GESTIONNAIRE
    D'IMAGE ELECTRONIQUE**
Patent Applicant/Assignee:
   SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
   (Residence), -- (Nationality
Inventor(s):
   LUDTKE Harold A , 3587 Townsquare Drive, San Jose, CA 95127, US,
   LONGENDYKE David G, 24 Meadow Lane, Vernon, NJ 07462, US,
   ABRAM Philip M, 8 Black Walnut Drive, Warwick, NY 10990, US,
   GOLDSTEIN Steven G, 13428 Maxella Avenue, #254, Marina Del Rey, CA 90292,
   US
Legal Representative:
   KOERNER Gregory J (et al) (agent), Simon & Koerner LLP, Suite B, 10052
   Pasadena Avenue, Cupertino, CA 95014, US,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200167381 A1 20010913 (WO 0167381)
   Application: WO 2001US40191 20010227 (PCT/WO US0140191)
   Priority Application: US 2000187136 20000306
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
   DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
   LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
   TM TR TT TZ UA UG UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8035

Patent Applicant/Assignee:

SONY ELECTRONICS INC...
Inventor(s):
  LUDTKE Harold A ...
Fulltext Availability:
  Detailed Description

Detailed Description
... 1 10
  may perform in response to analyzing an associated function identifier
  that may be **embedded** in downloaded **content information** 216.

  In the FIG. 2 embodiment, network browser 220 preferably may control
  bi-directional communications...means. For
  example, download manager 312 may analyze a unique function identifier
  that may be **embedded** in downloaded **content information** 216.
  Alternately,
  the function identifier may be included in descriptor(s) 412 or provided
  in...

 15/3,K/7   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00811385   **Image available**
SYSTEM AND METHOD FOR DISTRIBUTING CONTENT OVER A NETWORK
SYSTEME ET PROCEDE POUR LA DISTRIBUTION DE CONTENU SUR UN RESEAU
Patent Applicant/Assignee:
    SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
      (Residence), -- (Nationality
Inventor(s):
    LUDTKE Harold Aaron , 3587 Townsquare Drive, San Jose, CA 95134, US
Legal Representative:
  MILLET Marcus J (et al) (agent), Lerner, David, Littenberg, Krumholz &
    Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090-1497, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200144965 A1 20010621 (WO 0144965)
  Application: WO 2000US34099 20001214 (PCT/WO US0034099)
. Priority Application: US 99170718 19991214; US 99476462 19991230
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  ((OAPI utility model)) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15513 ·

Patent Applicant/Assignee:
    SONY ELECTRONICS INC...
Inventor(s):
    LUDTKE Harold Aaron ...
Fulltext Availability:
  Detailed Description

Detailed Description
... distribution node 630. Distribution node 630
  is a digital television broadcaster that then broadcasts the
  content agent **embedded** in a broadcast signal to distribution node

640 which is actually a television set-top...

15/3,K/8   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00794296   **Image available**
DYNAMIC SELF-DESCRIBING DATA
DONNEES DYNAMIQUES AUTO-DESCRIPTIVES
Patent Applicant/Assignee:
   SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US
     (Residence), US (Nationality
Inventor(s):
   LUDTKE Harold Aaron , 3587 Townsquare Drive, San Jose, CA 95127, US,
   DARA-ABRAMS Alec, 961 Andover Way, Los Altos, CA 94024, US
Legal Representative:
   TOTO Peter C (et al) (agent), 1 Sony Drive, Park Ridge, NJ 07656, US,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200127788 A1 20010419 (WO 0127788)
   Application: WO 2000US27467 20001005 (PCT/WO US0027467)
   Priority Application: US 99415086 19991008
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
   DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
   LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
   TM TR TT TZ UA UG UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
   (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11364

Patent Applicant/Assignee:
   SONY ELECTRONICS INC...
Inventor(s):
   LUDTKE Harold Aaron ...
Fulltext Availability:
   Detailed Description

Detailed Description
... the
   present invention, Dynamic Self Describing Data (DSDD)
   is a mechanism that allows devices to **embed** commands and
   data structures that can be extracted by other devices,
   and used to create a user interface...

15/3,K/9   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00535368   **Image available**
A METHOD OF AND APPARATUS FOR HANDLING HIGH BANDWIDTH ON-SCREEN-DISPLAY
   GRAPHICS DATA OVER A DISTRIBUTED IEEE 1394 NETWORK UTILIZING AN
   ISOCHRONOUS DATA TRANSMISSION FORMAT
TECHNIQUE ET DISPOSITIF CORRESPONDANT DE TRAITEMENT DE DONNEES GRAPHIQUES
   D'AFFICHAGE A L'ECRAN A BANDES LARGES SUR UN RESEAU REPARTI IEEE 1394
   UTILISANT UN FORMAT DE TRANSMISSION ISOCHRONE DE DONNEES
Patent Applicant/Assignee:
   SONY ELECTRONICS INC

Inventor(s):
  LUDTKE Harold A ,
  SMYERS Scott D,
  EYER Mark K
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9966720 A1 19991223
  Application: WO 99US13475 19990615 (PCT/WO US9913475)
  Priority Application: US 9889798 19980618; US 99251586 19990217
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
  UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
  AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM
  GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 14011

Patent Applicant/Assignee:
  SONY ELECTRONICS INC...
Inventor(s):
  LUDTKE Harold A ...
Fulltext Availability:
  Detailed Description

Detailed Description
... on-screen-display graphics data.

  The DMA engine 77 is also coupled to receive addressing **information**
  from the **embedded** stream processor 84. The DMA engine 77 is also
  coupled to an on-screen-display...

...screen-display graphics data from the VCR 100 in the locations specified
  by the addressing **information** from the **embedded** stream processor 84.
  The buffer 78 ...a processor of appropriately received on-screen-display
  isochronous data packets. For appropriately received isochronous **data**
  packets, the **embedded** stream processor 84 analyzes the received
  isochronous packet, determines if it contains video data or...

...buffer 78, to the on-screen-display buffer 78. The DMA engine 77
  receives addressing **information** from the **embedded** stream processor
  84, specifying the location within the on-screen-display buffer 78 where
  the...one quadlet at a time. The DMA engine 77 receives the starting
  address for the **data** from the **embedded** stream - 23 processor 84.
  Accordingly, as long as the DMA engine receives data from the...

 15/3,K/10   (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00527720   **Image available**
**MEDIA MANAGER FOR CONTROLLING AUTONOMOUS MEDIA DEVICES WITHIN A NETWORK
  ENVIRONMENT AND MANAGING THE FLOW AND FORMAT OF DATA BETWEEN THE
  DEVICES**
**GESTIONNAIRE DE SUPPORTS COMMANDANT DES DISPOSITIFS SUPPORTS AUTONOMES DANS
  UN ENVIRONNEMENT RESEAU ET GERANT LES FLUX ET FORMATS DES DONNEES
  TRANSITANT ENTRE LES DISPOSITIFS**
Patent Applicant/Assignee:
  SONY ELECTRONICS INC
Inventor(s):
  LUDTKE Harold A ,
  FAIRMAN Bruce,

SMYERS Scott D
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9959072 A2 19991118
  Application: WO 99US9490 19990429 (PCT/WO US9909490)
  Priority Application: US 9875047 19980508
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
  UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ
  TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11120

Patent Applicant/Assignee:
  SONY ELECTRONICS INC...
Inventor(s):
  LUDTKE Harold A ...
Fulltext Availability: .
  Detailed Description

Detailed Description
... an alternate embodiment of the present invention, each device, as part
  of the self-describing **data** ., has an **embedded** DCM, ensuring that the
  software is always available regardless of where the device is taken...

 15/3,K/11   (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00475558   **Image available**
**A METHOD AND APPARATUS FOR INCLUDING SELF-DESCRIBING INFORMATION WITHIN
    DEVICES**
**PROCEDE ET APPAREIL COMPRENANT DES INFORMATIONS AUTODESCRIPTIVES DANS UN
    DISPOSITIF**
Patent Applicant/Assignee:
  SONY ELECTRONICS INC,
  LUDTKE Harold A,
  FAIRMAN Bruce,
  SMYERS Scott D,
  SHIMA Hisato,
  PROEHL Andrew M
Inventor(s):
  LUDTKE Harold A ,
  FAIRMAN Bruce,
  SMYERS Scott D,
  SHIMA Hisato,
  PROEHL Andrew M
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9906910 A1 19990211
  Application: WO 98US15529 19980722 (PCT/WO US9815529)
  Priority Application: US 9754327 19970731; US 9892703 19980604
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
  MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
  UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
  CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
  GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8454

March 18, 2003 10 17:45

Patent Applicant/Assignee:
   SONY ELECTRONICS INC...
Inventor(s):
   LUDTKE Harold A ...
Fulltext Availability:
   Detailed Description
   Claims

English Abstract
   ...available on the device and the interface required to access those
   controls. The self-describing **information** is preferably **embedded**
   within a ROM within the device and is read by other devices coupled to
   the...

Detailed Description
... available on the device and the interface required to access those
   controls. The self-describing **information** is preferably **embedded**
   within a ROM within the device and is read by other devices coupled to
   the...DESCRIPTION OF THE PREFERRED EMBODIMENT.

   A device according to the present invention includes self-describing
   information **embedded** within the device which preferably contains
   information about the device, including information which can be...

...collections of devices for transmitting streams of data and completing
   tasks.

   Preferablv. the self-describing **information** is **embedded** in a
   read-only memory (ROM) within each device. Other devices coupled to a
   device...

Claim
   1 A method of interfacing between devices comprising the steps of:
   a. **embedding** self-describing **information** within a first device-, and
   b. configuring the first device to allow a second device...
?

?show files;ds
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318
        (c) 2003   Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2003/Jan
        (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)
        (c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
        (c) 2002 INPI. All rts. reserv.

?ds

Set	Items	Description
S1	43854	(TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOMAT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS OR PTD()S
S2	310	I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(TRANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(4N)(INTERNET? OR WEB OR PORTAL)
S3	1641	(WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4	2644	GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIRELESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNICATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5	2877	EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICATION? OR WALLET)
S6	278	DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTRONIC(3N)WALLET? OR SMART()OBJECT? ?
S7	350430	(AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CREDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8	15050	(TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTORY OR TRAIL)
S9	217430	ENCRYPTION? OR KEY? ? OR SIGNATURE? ? OR CIPHER?
S10	57009	AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORIS?
S11	331314	PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR PASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12	103916	BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRINT? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13	58	AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR NIWA()SAN? OR MARITZEN?)
S14	4	S13 AND S12
S15	335	(S1:S4) AND S12
S16	80	(S5:S8) AND S15
S17	80	S16 NOT S14
S18	33	(S1 OR PDA OR PERSONAL()DIGITAL()ASSITANT OR S2 OR S3) AND S5
S19	33	S18 NOT S17
S20	303	PA=SONY? AND S1

?t19/4/all

19/4/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-139631/200313|
XR- <XRPX> N03-110941|
TI- Remote information accessing method used in PDA , involves displaying
    embedded web page or executing remote query based on response to
    information query from user|
PA- INT BUSINESS MACHINES CORP (IBMC)|
AU- <INVENTORS> SMITH G J|
NC- 001|
NP- 001|
PN- US 20020174110 A1 20021121 US 2001859025 A 20010516 200313 B|
AN- <LOCAL> US 2001859025 A 20010516|
AN- <PR> US 2001859025 A 20010516|
LA- US 20020174110(9)|
AB- <PN> US 20020174110 A1|
AB- <NV> NOVELTY - The embedded   information e.g. web page is displayed
    to a user, if a response to the user's information query for accessing
    a web page is contained in the embedded   information . Otherwise, a
    remote information query is executed through a wireless communication
    device and the associated parameters are stored in the PDA 's memory.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) Internet web page accessing method; and
        (2) Advertising content presentation method.
    USE - For accessing Internet web page through personal digital
    device such as PDA .
        ADVANTAGE - Minimizes access to remote web pages, as embedding the
    web pages in the PDA 's memory increases the PDA 's performance and
    reduces the access time. Avoids repetition access to remote web pages,
    by storing the search parameters of an executed remote information
    query. Effectively increases user exposure to selected Internet sites.
        DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
    illustrating remote information accessing process.
        pp; 9 DwgNo 2/2|
DE- <TITLE TERMS> REMOTE; INFORMATION; ACCESS; METHOD; DISPLAY; EMBED; WEB;
    PAGE; EXECUTE; REMOTE; QUERY; BASED; RESPOND; INFORMATION; QUERY; USER|
DC- T01; W01|
IC- <MAIN> G06F-007/00|
MC- <EPI> T01-C03C; T01-M06A1A; T01-N01A2C; T01-N03A1; W01-C01D3C;
    W01-C01G6E; W01-C05B5C|
FS- EPI||

19/4/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-119987/200311|
XR- <XRPX> N03-095612|
TI- Picture display method in PDA , involves reading and displaying
    picture data from memory if external power supply to PDA is detected|
PA- LG ELECTRONICS INC (GLDS)|
AU- <INVENTORS> HUH S; SHIN Y S|
NC- 001|
NP- 001|

PN- US 20020158863 A1 20021031 US 2002132174 A 20020426 200311 B|
AN- <LOCAL> US 2002132174 A 20020426|
AN- <PR> KR 200123052 A 20010427|
LA-.US 20020158863(9)|
AB- <PN> US 20020158863 A1|
AB- <NV> NOVELTY - The provision of external power supply to personal
    digital assistant (PDA) (100) is monitored. The picture data is read
    from a PDA memory (7), if an external power supply to PDA is
    detected. The read picture is displayed in a display unit (1).|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
    picture display apparatus..
        USE - For displaying pictures on personal information terminal such
    as personal digital assistant (PDA).
        ADVANTAGE - Presents user's favorite pictures on a display unit in
    power-off or non-use state of PDA with reduced power under the
    condition that an external power is supplied, hence the users can fed
    the sentimental emotion from a dry machine while enabling battery
    recharge from the power supply simultaneously.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a
    personal information terminal embedded with the picture display
    apparatus.
        Display unit (1)
        PDA memory (7)
        PDA (100)
        pp; 9 DwgNo 2/5|
DE- <TITLE TERMS> PICTURE; DISPLAY; METHOD; READ; DISPLAY; PICTURE; DATA;
    MEMORY; EXTERNAL; POWER; SUPPLY; DETECT|
DC- P85; T01; T04|
IC- <MAIN> G09G-005/00|
MC- <EPI> T01-F05B3; T01-G11A; T01-M06A1A; T04-H03|
FS- EPI; EngPI||

   19/4/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-097555/200309|
XR- <XRPX> N03-077490|
TI- Music data distribution system for mobile telephone, transmits music
    data embedded with voice-print information to user terminal, based
    on music designated by user|
PA- SANYO ELECTRIC CO LTD (SAOL   )|
NC- 001|
NP- 001|
PN- JP 2002297153 A 20021011 JP 200196172   A 20010329 200309 B|
AN- <LOCAL> JP 200196172 A 20010329|
AN- <PR> JP 200196172 A 20010329|
LA- JP 2002297153(19)|
AB- <PN> JP 2002297153 A|
AB- <NV> NOVELTY - A search unit searches the music data that corresponds
    to the music specified by a user. A generation unit produces the music
    data embedded with voice-print information , based on searched
    music data. A transmitter transmits the generated music data to a
    computer (2).|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) Music data delivery device;
        (2) Communication device;
        (3) Music reproducing device;
        (4) Music data distribution program; and

                    March 18, 2003 2 15:19

(5) Recorded medium storing the music data distribution program.
USE - For providing music data of MP3 format to client devices such as personal computer, personal digital assistant (**PDA**) and **mobile** telephone through **internet** .
ADVANTAGE - Regeneration of music by unauthenticated person is prevented, by specifying the user who acquires the musical data.
DESCRIPTION OF DRAWING(S) - The figure shows an explanatory drawing of the communication device.
Computer (2)
pp; 19 DwgNo 1/16|
DE- <TITLE TERMS> MUSIC; DATA; DISTRIBUTE; SYSTEM; MOBILE; TELEPHONE; TRANSMIT; MUSIC; DATA; EMBED; VOICE; PRINT; INFORMATION; USER; TERMINAL ; BASED; MUSIC; DESIGNATED; USER|
DC- P86; T01; T03; W01; W04|
IC- <MAIN> G10K-015/02|
IC- <ADDITIONAL> G06F-015/00; G10L-015/00; G10L-017/00; G10L-019/00; G11B-020/10; H04L-009/32|
MC- <EPI> T01-J; T03-P01; W01-A05B; W04-V; W04-V05G|
FS- EPI; EngPI||

19/4/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2003-011035/200301|
TI- Method for operating cyber lottery ticket using wireless communication terminal|
PA- KT CORP (KTKT-N)|
AU- <INVENTORS> CHOI B C; CHOI H S; KIM J D|
NC- 001|
NP- 001|
PN- KR 2002047587 A 20020622 KR 200076076   A 20001213 200301 B|
AN- <LOCAL> KR 200076076 A 20001213|
AN- <PR> KR 200076076 A 20001213|
LA- KR 2002047587(1)|
AB- <PN> KR 2002047587 A|
AB- <NV> NOVELTY - A method for operating a cyber lottery ticket using a wireless communication terminal is provided to enable a user to buy a lottery ticket by using the electronic money embedded in the UIM card of the wireless terminal and to enable a lottery ticket buyer to check the winning lottery ticket by using a UIM(Universal Identity Module) through the wireless terminal.|
AB- <BASIC> DETAILED DESCRIPTION - A user connects to a cyber lottery operation server(140) through a **wireless Internet** network by using the wireless terminal(100). The user sends the certification **information embedded** in the UIM card(110) to the server after selecting a kind and number of the desired lottery ticket through a web browser provided from the server. The server records the certification information and lottery ticket number of the user in a DB server. After completing the certification for the wireless terminal and selecting the lottery ticket, the user pushes an electronic money payment button of the wireless terminal. The expense for buying the lottery ticket is provided to the server from the electronic money information stored in an electronic wallet(115) in the UIM card.
pp; 1 DwgNo 1/10|
DE- <TITLE TERMS> METHOD; OPERATE; LOTS; TICKET; WIRELESS; COMMUNICATE; TERMINAL|
DC- T01; T05|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-C03C; T01-N01B1; T05-F|

FS- EPI||

19/4/5 **(Item 5 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-617931/200266|
XR- <XRPX> N02-489112|
TI- For correlating checks when purchasing goods/services from a retail
    store, via the Internet, telephone, or mail order using machine
    readable tender code with **embedded** URL designating **data** warehouse
    storage location|
PA- HOFFMAN M S (HOFF-I); TARBUTT V W (TARB-I)|
AU- <INVENTORS> HOFFMAN M S; TARBUTT V W|
NC- 001|
NP- 001|
PN- US 20020084320 A1 20020704 US 2000751718 A 20001229 200266 B|
AN- <LOCAL> US 2000751718 A 20001229|
AN- <PR> US 2000751718 A 20001229|
LA- US 20020084320(16)|
AB- <PN> US 20020084320 A1|
AB- <NV> NOVELTY - A method of correlating a check to a purchase
    transaction comprising, receiving a check as payment for a purchase
    transaction , generating a **machine** readable tender code for the
    purchase transaction, which includes encrypting the tender code and
    embedding a URL in it, the URL designating a storage location in the
    data warehouse then associating the tender code withe the check. A
    digital receipt is generated for the transaction and the tender code is
    associated with the digital receipt. The tender code is then affixed to
    the check and the digital receipt is stored in a data warehouse.
    Generation of the digital receipt and tender code can be accomplished
    via a hand held computer device such as a Personal Desktop Assistant (
    PDA).|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also include for
    the following:
         (1) A computer controlled device.
         (2) A retail terminal.
         USE - For verifying, validating and tracking of checks when
    purchasing goods and/or services from a retail store, on-line (i.e. via
    the Internet), via the telephone, or via mail order.
         ADVANTAGE - Provides a system and method for correlating a check
    tendered as payment for a purchase transaction and/or purchased items,
    merchandise, and services.
         pp; 16 DwgNo 1/8|
DE- <TITLE TERMS> CORRELATE; CHECK; PURCHASE; GOODS; SERVICE; RETAIL;
    STORAGE; TELEPHONE; MAIL; ORDER; MACHINE; READ; TENDER; CODE; EMBED;
    DESIGNATED; DATA; WAREHOUSE; STORAGE; LOCATE|
DC- T01; T04; T05; W01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-D01; T01-N01A1; T01-N01A2A; T01-N02B1A; T01-N02B1B; T01-S02;
    T04-G10; T05-C01; T05-L01A; T05-L01D; T05-L02; W01-A05A; W01-A05B|
FS- EPI||

19/4/6 **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-610847/200266|

DX- <RELATED> 1999-520496|
XR- <XRPX> N02-483775|
TI- Motion picture electronic watermark detection system for data
    processing system, compares accumulated values through observation with
    threshold values, and detects **embedded information** based on
    comparison result|
PA- INT BUSINESS MACHINES CORP (IBMC)|
AU- <INVENTORS> KOIDE A; SHIMIZU S|
NC- 001|
NP- 002|
PN- GB 2371435   A   20020724 GB 994340   A 19990226 200266 B
    <AN> GB 20029059   A   20020422|
PN- GB 2371435   B   20020925 GB 994340   A 19990226 200266
    <AN> GB 20029059   A   20020422|
AN- <LOCAL> GB 994340 A 19990226; GB 20029059 A 20020422; GB 994340 A
    19990226; GB 20029059 A 20020422|
AN- <PR> JP 9875516 A 19980324|
FD- GB 2371435   A G06T-001/00   Derived from application GB 994340
FD- GB 2371435   B G06T-001/00   Div ex application GB 994340|
LA- GB 2371435(24)|
AB- <PN> GB 2371435 A|
AB- <NV> NOVELTY - A comparator compares the accumulated values through
    observation with threshold values that vary according to the
    accumulated values. A detector detects **embedded information** based
    on the comparison result.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) Computer program;
        (2) DVD system; and
        (3) Motion picture electronic watermark detection method.
        USE - For detecting electronic watermark of motion picture for data
    processing system connected to DVD-R drive system for e.g. PC,
    workstation, notebook PC, palmtop PC, network computer, home electric
    appliance e.g. TV, game machine, telephone, facsimile, portable
    telephone, communication terminal, e.g. **PDA** .
        ADVANTAGE - The **embedded information** is detected efficiently
    using the comparison result.
        DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining
    the information detection process.
        pp; 24 DwgNo 2/12|
DE- <TITLE TERMS> MOTION; PICTURE; ELECTRONIC; WATERMARK; DETECT; SYSTEM;
    DATA; PROCESS; SYSTEM; COMPARE; ACCUMULATE; VALUE; THROUGH; OBSERVE;
    THRESHOLD; VALUE; DETECT; EMBED; INFORMATION; BASED; COMPARE; RESULT|
DC- T01; W02; W04|
IC- <MAIN> G06T-001/00|
MC- <EPI> T01-D01; T01-E01C; T01-J10D; T01-M06A1A; T01-S03; W02-J;
    W04-C10A2; W04-F01L3; W04-X02C|
FS- EPI||

   19/4/7   (Item 7 from file: 350)
   DIALOG(R)File 350:Derwent WPIX
   (c) 2003 Thomson Derwent. All rts. reserv.

   IM- *Image available*
   AA- 2002-556177/200259|
   DX- <RELATED> 1995-200530; 1996-518986; 1997-310156; 1998-009129;
       1998-110064; 1998-286225; 1999-204782; 1999-444465; 2000-013122;
       2000-194736; 2000-195398; 2000-464989; 2000-647035; 2001-022904;
       2001-335855; 2001-357503; 2001-374044; 2001-397673; 2001-570080;
       2001-581298; 2001-581665; 2001-595705; 2001-607222; 2002-011177;
       2002-041658; 2002-062159; 2002-082807; 2002-154357; 2002-163681;

2002-179003; 2002-188040; 2002-205513; 2002-224088; 2002-235400;
2002-236852; 2002-238913; 2002-239839; 2002-254659; 2002-256143;
2002-268672; 2002-315095; 2002-361694; 2002-370756; 2002-382444;
2002-391512; 2002-392708; 2002-393501; 2002-394013; 2002-403568;
2002-405083; 2002-413035; 2002-416925; 2002-435593; 2002-470507;
2002-479804; 2002-498079; 2002-498923; 2002-507125; 2002-528580;
2002-598923; 2002-642228; 2002-654787; 2002-672857; 2002-691185;
2002-697772; 2003-045908; 2003-074123; 2003-137905; 2003-140183;
2003-174573|
XR- <XRPX> N02-440139|
TI- Video processing method for television, involves producing pixelated
representation of video data on display screen and utilizing luminance
value of pixels of image data as function of N-bits of **embedded
information** |
PA- DIGIMARC CORP (DIGI-N)|
AU- <INVENTORS> RHOADS G B|
NC- 001|
NP- 001|
PN- US 6400827   B1 20020604 US 93154866   A 19931118 200259 B
<AN> US 94215289   A 19940317
<AN> US 94327426   A 19941021
<AN> US 95436134   A 19950508
<AN> US 97951858   A 19971016
<AN> US 99342675   A 19990629|
AN- <LOCAL> US 93154866 A 19931118; US 94215289 A 19940317; US 94327426 A
19941021; US 95436134 A 19950508; US 97951858 A 19971016; US 99342675 A
19990629|
AN- <PR> US 95436134 A 19950508; US 93154866 A 19931118; US 94215289 A
19940317; US 94327426 A 19941021; US 97951858 A 19971016; US 99342675 A
19990629|
FD- US 6400827   B1 H04K-001/00   CIP of application US 93154866
CIP of application US 94215289
CIP of application US 94327426
Cont of application US 95436134
Div ex application US 97951858
Cont of patent US 5748763
CIP of patent US 5768426
Div ex patent US 6026193|
LA- US 6400827(59)|
AB- <PN> US 6400827 B1|
AB- <NV> NOVELTY - The N-bits of **embedded   information** are hidden in the
video data corresponding to the visible portions of the frames. The
frames of the image data are processed to output pixelated
representation of video data on the display screen. The luminance value
of pixels of the image data are the function of N-bits of the **embedded
information** . |
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
image data encoding method.
     USE - Used for television also used for **embedding   identification
   data** in video data embossed on plastic credit card, debit cards,
ATM cash cards.
     ADVANTAGE - Allows to detect the copy even when the original
material has been corrupted. Provides inexpensive method for deducting
micro-topology on paper surface. Video signal levels are maintained
below the acceptability threshold. Statistical reliability of the
identification process is improved. Cost and complexity are reduced,
 efficiently.
     DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of the
process of **embedding   identification** signal to another signal.
     pp; 59 DwgNo 2/27|
AB- <TF> TECHNOLOGY FOCUS - INDUSTRIAL STANDARDS - The video data is
compressed using MPEG video compression standard.|

FS- EPI||

19/4/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-305130/200235|
XR- <XRPX> N02-238743|
TI- System outages impact measurement in automated customer service
    industry, involves estimating number of customer affected by service
    interruptions using forecast of transaction demand and actual service
    interruption data|
PA- CANADIAN IMPERIAL BANK COMMERCE (CAIM-N); INTRIA-HP CORP (INTR-N)|
AU- <INVENTORS> FRANCIS K R; RUBEL K M; SRINIVASAN B; THAKKAR D|
NC- 001|
NP- 001|
PN- CA 2312653   A1 20011119 CA 2312653   A 20000628 200235 B|
AN- <LOCAL> CA 2312653 A 20000628|
AN- <PR> US 2000574769 A 20000519|
LA- CA 2312653(E<PG> 79)|
AB- <PN> CA 2312653 A1|
AB- <NV> NOVELTY - The actual system outages data is converted to actual
    service interruption data. The number of customers affected by service
    interruptions is estimated using the actual service interruption data
    and the forecasts of customer transaction demand.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
    the following:
        (a) System outages measurement software;
        (b) Computer **data** signal **embedded** in a carrier wave;
        (c) Automatic system outages impact measurement system
        USE - In financial service industry, automated customer service
    industries such as customer service provided through **ATM** 's,
    point-of-sale devices and teller terminals for accessing the impact of
    system failure on customer service.
        ADVANTAGE - The overall system performance can be measured
    effectively, by measuring impact of system outages.
        DESCRIPTION OF DRAWING(S) - The figure shows an example for
    dependencies of customer services.
        pp; 79 DwgNo 1/25|
DE- <TITLE TERMS> SYSTEM; IMPACT; MEASURE; AUTOMATIC; CUSTOMER; SERVICE;
    INDUSTRIAL; ESTIMATE; NUMBER; CUSTOMER; AFFECT; SERVICE; INTERRUPT;
    FORECAST; TRANSACTION; DEMAND; ACTUAL; SERVICE; INTERRUPT; DATA|
DC- T01; T05|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A; T05-L03C|
FS- EPI||

19/4/14   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-268984/200231|
XR- <XRPX> N02-209359|
TI- Telecommunication capabilities presentation system retrieves refined
    data generated using raw **information** from memory for **embedding** in
    template retrieved based on user's request for presentation to user|
PA- EIGENVALUE OY (EIGE-N); AUKIA P (AUKI-I); KARJALAINEN M (KARJ-I)|
AU- <INVENTORS> AUKIA P; KARJALAINEN M|

NC- 096|
NP- 003|
PN- WO 200208973 A1 20020131 WO 2001FI682   A 20010724 200231 B|
PN- AU 200179849 A 20020205 AU 200179849   A 20010724 200236
PN- US 20020129222 A1 20020912 US 2000220206 A 20000724 200262
    <AN> US 2002102685 A 20020322|
AN- <LOCAL> WO 2001FI682 A 20010724; AU 200179849 A 20010724; US 2000220206
    A 20000724; US 2002102685 A 20020322|
AN- <PR> US 2000220206 P 20000724; US 2002102685 A 20020322|
FD- WO 200208973 A1 G06F-017/60
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
    CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
    KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU
    SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- AU 200179849 A G06F-017/60   Based on patent WO 200208973
FD- US 20020129222 A1 G06F-007/00   Provisional application US 2000220206|
LA- WO 200208973(E<PG> 25)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
    DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
    KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> WO 200208973 A1|
AB- <NV> NOVELTY - A processor (107) generates refined data from the raw
    information about available communication capabilities and prices,
    collected from sources (101-103). The refined data are analyzed and
    stored in a memory (108). A preparation unit (112) retrieves a template
    in response to a remote or local user's request, and fetches stored
    data for **embedding** in the template for presentation to the user.|
AB- <BASIC> USE - For presenting telecommunication capabilities through
    network using personal computer, portable terminals such as mobile
    phone, **PDA** , etc.
    ADVANTAGE - The telecommunication capabilities are presented easily
    and efficiently to the user at low cost.
    DESCRIPTION OF DRAWING(S) - The figure shows the data flow in the
    communication capabilities presentation system.
    Information sources (101-103)
    Processor (107)
    Memory (108)
    Preparation unit (112)
    pp; 25 DwgNo 1/8|
DE- <TITLE TERMS> TELECOMMUNICATION; CAPABLE; PRESENT; SYSTEM; RETRIEVAL;
    REFINE; DATA; GENERATE; RAW; INFORMATION; MEMORY; EMBED; TEMPLATE;
    RETRIEVAL; BASED; USER; REQUEST; PRESENT; USER|
DC- T01; W01|
IC- <MAIN> G06F-007/00; G06F-017/60|
MC- <EPI> T01-M06A1A; T01-N01A2A; W01-C01D3C|
FS- EPI||

 19/4/15   **(Item 15 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-268742/200231|
DX- <RELATED> 2002-268726; 2002-434730|
XR- <XRPX> N02-209189|
TI- Controlling external consumer electronic devices e.g. surround sound

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entertainment system via data delivered to television set-top-box in order to optimize the viewing experience|

PA- BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N); STEFANIK J R (STEF-I)|

AU- <INVENTORS> DURDEN G A|

NC- 094|

NP- 002|

PN- WO 200199435 A2 20011227 WO 2001US8465 A 20010316 200231 B|

PN- AU 200150855 A 20020102 AU 200150855 A 20010316 200233|

AN- <LOCAL> WO 2001US8465 A 20010316; AU 200150855 A 20010316|

AN- <PR> US 2000752267 A 20001229; US 2000213058 P 20000621; US 2000214529 P 20000627; US 2000231180 P 20000907|

FD- WO 200199435 A2 H04N-005/44

    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

FD- AU 200150855 A H04N-005/44 Based on patent WO 200199435|

LA- WO 200199435(E<PG> 29)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|

AB- <PN> WO 200199435 A2|

AB- <NV> NOVELTY - Command **information** is **embedded** into an electronic program guide (EPG) signal and transmitted from e.g. a cable TV headend to the end user. The program data includes volume, lighting, Internet or environmental tag information to control external devices.|

AB- <BASIC> DETAILED DESCRIPTION - Set top box (STB) may be connected to viewer's PC. Application on STB retrieves data from PC using special tags in EPG program data or accessing special Internet related applications while viewing other programmes. STB makes use of information added to or included in EPG program to control home theater environment during TV program. STB may communicate with a **PDA** to set reminders of when specific programs may be viewed.

    USE - To enable viewers to control and manage programming and to control external consumer electronic devices e.g. a surround sound entertainment system, home environment system, personal computer, etc. through the use of a STB.

    ADVANTAGE - Transmits data to an external device to optimize the viewing experience or to supplement information produced by the EPG.

    DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of the system used to implement the method.

    pp; 29 DwgNo 1/6|

DE- <TITLE TERMS> CONTROL; EXTERNAL; CONSUME; ELECTRONIC; DEVICE; SURROUND; SOUND; ENTERTAINMENT; SYSTEM; DATA; DELIVER; TELEVISION; SET; TOP; BOX; ORDER; OPTIMUM; VIEW; EXPERIENCE|

DC- T01; W01; W03; W04|

IC- <MAIN> H04N-005/44|

MC- <EPI> T01-J08A1; T01-M06A1A; T01-N01D; W01-A06B7C; W03-A; W04-R01C5|

FS- EPI||

19/4/16   (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-188038/200224|

XR- <XRPX> N02-142596|
TI- Multimedia communication establishing system **embeds** advertisement
    content as integral feature of selected media content or integrally
    associates content with respective creative content item|
PA- SPOOVY LLC (SPOO-N)|
AU- <INVENTORS> CALDER J; LANDRESS S; RUBIN W|
NC- 093|
NP- 002|
PN- WO 200152099 A1 20010719 WO 2001US997 A 20010111 200224 B|
PN- AU 200129396 A 20010724 AU 200129396 A 20010111 200224|
AN- <LOCAL> WO 2001US997 A 20010111; AU 200129396 A 20010111|
AN- <PR> US 2001757832 A 20010110; US 2000175521 P 20000111; US 2000196404
    P 20000412|
FD- WO 200152099 A1 G06F-017/00
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
    CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
    KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- AU 200129396 A G06F-017/00   Based on patent WO 200152099|
LA- WO 200152099(E<PG> 55)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
    DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
    SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> WO 200152099 A1|
AB- <NV> NOVELTY - A creative content database has several creative content
    items having media content selectable by the user and an advertisement
    content. The advertisement **content** is **embedded** either as an
    integral feature of the selected media content or is integrally
    associated with the respective creative content item. A host processor
    connected to network interface establishes the multimedia electronic
    communication based on the creative content item.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
    the following:
        (a) Multimedia electronic communication;
        (b) Publicly accessible **kiosk** for establishing multimedia
    electronic communication;
        (c) Media package producing method for delivery in real-time
        USE - For enabling establishment of short interactive digital
    full-motion, animated and static multimedia content for communicating
    personalized and/or personally relevant entertainment, messages and
    information content integrally associated with advertising content to
    be delivered via electronic delivery channels such as internet,
    wireless networks or electronic mail (e-mail). Also for providing
    services like communication crossword puzzles, memory games (where
    users uncover multimedia clip by matching clues), horoscopes,
    calenders, remainder services, personal ads/loveline services.
        ADVANTAGE - Enables producers, aggregators and distributors to
    efficiently and economically enhance the value of dynamic media assets
    by remotely serving, tracking and optimizing the placement of
    interactive and advertising elements in real-time.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    multimedia communication establishing system.
        pp; 55 DwgNo 1/12|
DE- <TITLE TERMS> COMMUNICATE; ESTABLISH; SYSTEM; EMBED; ADVERTISE; CONTENT
    ; INTEGRAL; FEATURE; SELECT; MEDIUM; CONTENT; INTEGRAL; ASSOCIATE;
    CONTENT; RESPECTIVE; CREATION; CONTENT; ITEM|
DC- T01; W04|

IM- *Image available*
AA- 2000-510297/200046|
XR- <XRPX> N00-377915|
TI- Node apparatus control procedure for asynchronous transfer mode
    network, involves extracting control data from received asynchronous
    transfer mode cell, based on which cell is sent to appropriate terminal
    |
PA- OKI ELECTRIC IND CO LTD (OKID)|
NC- 001|
NP- 001|
PN- JP 2000196604 A 20000714 JP 98367335   A 19981224 200046 B|
AN- <LOCAL> JP 98367335 A 19981224|
AN- <PR> JP 98367335 A 19981224|
LA- JP 2000196604(13)|
AB- <PN> JP 2000196604 A|
AB- <NV> NOVELTY - Control **data** is **embedded** in the **ATM** cell and is
    sent out to a node apparatus (21). The node extracts the control data
    containing various header information e.g. IP header, UDP header, from
    the received **ATM** cell, and the cell is sent out to the terminal using
    the extracted header information.|
AB- <BASIC> USE - For controlling node apparatus in asynchronous transfer
    mode (**ATM**) network.
        ADVANTAGE - Eliminates need for special protocol or special
    hardware for controlling the node apparatus from the terminal.
        DESCRIPTION OF DRAWING(S) - The figure shows block diagram of node
    apparatus.
        Node apparatus (12)
        pp; 13 DwgNo 1/13|
DE- <TITLE TERMS> NODE; APPARATUS; CONTROL; PROCEDURE; ASYNCHRONOUS;
    TRANSFER; MODE; NETWORK; EXTRACT; CONTROL; DATA; RECEIVE; ASYNCHRONOUS;
    TRANSFER; MODE; CELL; BASED; CELL; SEND; APPROPRIATE; TERMINAL|
DC- W01|
IC- <MAIN> H04L-012/28|
IC- <ADDITIONAL> H04B-010/20|
MC- <EPI> W01-A03B1; W01-A06F; W01-A06G2|
FS- EPI||

 19/4/19   **(Item 19 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2000-425297/200037|
XR- <XRPX> N00-317225|
TI- Personal identification related document used as transaction card
    security and imaging on transaction cards has printed region having
    given information on with second set of data derived from first set of
    data **embedded** in it|
PA- EASTMAN KODAK CO (EAST)|
AU- <INVENTORS> HONSINGER C W; RAY L A|
NC- 028|
NP- 004|
PN- EP 1018712   A1 20000712 EP 99203953   A 19991124 200037 B|
PN- JP 2000200337 A 20000718 JP 99359294   A 19991217 200040
PN- CN 1261705   A 20000802 CN 99126500   A 19991222 200058
PN- US 6321981   B1 20011127 US 98218614   A 19981222 200175|
AN- <LOCAL> EP 99203953 A 19991124; JP 99359294 A 19991217; CN 99126500 A
    19991222; US 98218614 A 19981222|
AN- <PR> US 98218614 A 19981222|
FD- EP 1018712   A1 G07F-007/10

<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
MC MK NL PT RO SE SI|
LA- EP 1018712(E<PG> 11); JP 2000200337(7)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 1018712 A1|
AB- <NV> NOVELTY - A machine readable information area has a first set of
data stored in it. A printed region has information printed on it. The
printed **information** has also **embedded** in it a second set of data
derived from the first set of data.|
AB- <BASIC> DETAILED DESCRIPTION - Reading device (22) includes an image
scanner (24) to translate the image printed on the printable region
(14) into a digital image. The data from a reader (23) and the image
scanner (24) are sent to a processor (26), which performs a secure hash
algorithm on the data captured from the machine readable portion of a
transaction card (10).
    An INDEPENDENT CLAIM is included for:
    (a) a method for producing a personal identification related
document
    USE - In transaction card security and imaging on transaction cards
and other personal identification related documents.
    ADVANTAGE - Reduces fraudulent use of such documents, increased
security features works with established transaction card procedures,
eliminates the need for a clerk to verify the authenticity of a card by
looking at an image or card protection feature, works with established
transaction card procedures, such as the card validation value (CVV) by
having the CVV as part of the data to be hashed, and for image
verification values. May operate with unattended transaction terminals,
such as **ATM** 's and provide high levels of security while linking the
printed transaction card with the machine readable **data** section,
which includes **embedded** **data** that is invisible to a normal viewer.
    DESCRIPTION OF DRAWING(S) - The drawing shows a schematic depiction
of a personal identification related document reader system.
    transaction card (10)
    printable region (14)
    reading device (22)
    reader (23)
    image scanner (24)
    processor (26)
    pp; 11 DwgNo 1/3|
DE- <TITLE TERMS> PERSON; IDENTIFY; RELATED; DOCUMENT; TRANSACTION; CARD;
SECURE; IMAGE; TRANSACTION; CARD; PRINT; REGION; INFORMATION; SECOND;
SET; DATA; DERIVATIVE; FIRST; SET; DATA; EMBED|
DC- T01; T04; T05|
IC- <MAIN> G06K-005/00; G06K-009/00; G06K-019/10; G07F-007/10|
IC- <ADDITIONAL> G06K-017/00|
MC- <EPI> T01-J10B2; T04-D02; T04-D07C; T04-M; T05-D01A; T05-H02C5C|
FS- EPI||

19/4/20   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2000-364935/200031|
XR- <XRPX> N00-273122|
TI- Static data storing method for information retrieval programmable
devices e.g. personal digital assistant, involves compiling source code
to generate machine code which is transferred to memory|
PA- SOFTBOOK PRESS INC (SOFT-N)|
AU- <INVENTORS> CONBOY G; DUGA B; WALTER E|

NC- 089|
NP- 002|
PN- WO 200023885 A1 20000427 WO 99US24242   A 19991015 200031 B|
PN- AU 200012088   A   20000508 AU 200012088   A 19991015 200037|
AN- <LOCAL> WO 99US24242 A 19991015; AU 200012088 A 19991015|
AN- <PR> US 98173976 A 19981016|
FD- WO 200023885 A1 G06F-009/44
      <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
      DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
      LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
      TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
      <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
      LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200012088   A G06F-009/44   Based on patent WO 200023885|
LA- WO 200023885(E<PG> 33) |
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
      EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
      LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
      TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
      IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200023885 A1|
AB- <NV> NOVELTY - The static data is represented in accordance to the
      hierarchical organization of resource file structure (210). The
      represented static data is included in the source code of execution
      code. The source code is compiled to generate a machine code which
      includes static data and execution code, after which machine code is
      transferred to the memory.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
      for static data storage apparatus.
         USE - For storing static data in information retrieval programmable
      devices e.g. personal digital assistant (PDA) and electronic book.
         ADVANTAGE - Allows accessing data field in data structure using
      pointer embedded in the source code by compiling it and generating
      machine code.
         DESCRIPTION OF DRAWING(S) - The figure shows illustrative diagram
      of resource file structure.
         Resource file structure (210)
         pp; 33 DwgNo 3/8|
DE- <TITLE TERMS> STATIC; DATA; STORAGE; METHOD; INFORMATION; RETRIEVAL;
      PROGRAM; DEVICE; PERSON; DIGITAL; ASSIST; COMPILE; SOURCE; CODE;
      GENERATE; MACHINE; CODE; TRANSFER; MEMORY|
DC- T01|
IC- <MAIN> G06F-009/44|
MC- <EPI> T01-F05A; T01-F06; T01-M06A1A|
FS- EPI||

 19/4/21   (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-302039/200026|
DX- <RELATED> 1998-556305|
XR- <XRAM> C00-091490|
XR- <XRPX> N00-225595|
TI- Plastic smart card for credit card, ATM card, etc. incorporates
      electronic element laminated between a pair of plastic sheets during
      manufacture and subsequently exposed after printing the card by milling
      a cavity|
PA- LEIGHTON K (LEIG-I)|

AU- <INVENTORS> LEIGHTON K|
NC- 001|
NP- 001|
PN- US 6036099   A 20000314 US 96727789   A 19961007 200026 B
    <AN> US 97918582   A 19970819|
AN- <LOCAL> US 96727789 A 19961007; US 97918582 A 19970819|
AN- <PR> US 97918582 A 19970819; US 96727789 A 19961007|
FD- US 6036099   A G06K-019/02   CIP of application US 96727789|
LA- US 6036099(10)|
AB- <PN> US 6036099 A|
AB- <NV> NOVELTY - An electronic element (20) is incorporated in plastic
    card during manufacture by positioning it directly between a pair of
    plastic sheets and laminating the sheets together. After heating them
    and cooling them, a second, higher pressure lamination (38) is added.
    After coating the outer surfaces of the card with ink (36), a region is
    milled to a controlled depth to form a cavity (16) exposing at least
    one contact pad of the electronic element.|
AB- <BASIC> DETAILED DESCRIPTION - The plastic sheets are laminated using a
    laminator having a pair of laminating plates. The plates have matte
    finishes that create textured surfaces on the card. The plastic sheets
    are acrylonitrile-butadiene-styrene, polyvinyl chloride, or polyester,
    and are preferably 0.0125 inches thick. The pressure applied while
    cooling the laminated sheets is 10 - 40 percent higher than the
    laminating pressure. The sheets are heated to 275 - 400degreesF for 5
    minutes before laminating at a pressure of 450 psi and subsequently
    cooled for 10 minutes. The card is coated with ink using a printing
    press, silk screen printing, offset printing, letterpress printing,
    roller coating, spray printing, or litho-printing. A layer of film is
    laminated over the card after heating it to 175 - 300degreesF for 10 -
    25 minutes by applying a pressure of 1000 psi before cooling it to 40 -
    65degreesF for 10 - 25 minutes. An electronic contact element may be
    inserted in the electronic element cavity after its formation. The
    electronic element is a micro-chip, or read/write integrated chip, and
    an associated circuit board antenna or wire. antenna.
        An INDEPENDENT CLAIM is included for an alternative process in
    which at least one of the plastic sheets has a cavity formed in it in
    which a microprocessor chip, contact pad, transponder, or contact
    sensor is placed before laminating the sheets together.
        USE - For manufacturing credit/debit cards, **ATM** cards,
    identification cards, etc. containing **embedded** electronic elements
    and exposed electronic contact surfaces.
        ADVANTAGE - The card has a pleasing aesthetic appearance, has a
    sufficiently smooth and regular surface to accept dye sublimation
    printing, and has sufficient durability and characteristics to comply
    with all industry specifications and standards.
        DESCRIPTION OF DRAWING(S) - The figures show cross-sectional views
    of the cards.
        Cavity window (16)
        Electronic element (20)
        Ink layer (36)
        Overlaminate film (38)
        pp; 10 DwgNo 3A,3B/8|
AB- <TF> TECHNOLOGY FOCUS - POLYMERS - The card can be formed from plastic
    sheets composed of polyvinyl chloride, polyester, or
    acrylonitrile-butadiene-styrene.|
DE- <TITLE TERMS> PLASTIC; SMART; CARD; CREDIT; CARD; **ATM** ; CARD;
    INCORPORATE; ELECTRONIC; ELEMENT; LAMINATE; PAIR; PLASTIC; SHEET;
    MANUFACTURE; SUBSEQUENT; EXPOSE; AFTER; PRINT; CARD; MILL; CAVITY|
DC- A32; A85; L03; P73; T04|
IC- <MAIN> G06K-019/02|
IC- <ADDITIONAL> B32B-031/00; C09J-005/02; G06K-019/06|
MC- <CPI> A11-B09A; A11-C04A; A12-D; A12-E01; L03-B05H|

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      9351701 A 19931105; AU 9724644 A 19970530; NZ 257489 A 19931105; NZ
      299616 A 19931105; BR 937500 A 19931105; WO 93AU576 A 19931105; AU
      9351701 A 19931105; AU 9724644 A 19970530; AU 9724644 A 19970530; AU
      9923631 A 19990407; US 95433341 A 19950505; US 97969538 A 19970930; CA
      2148236 A 19931105; WO 93AU576 A 19931105; AU 9724644 A 19970530; AU
      9923631 A 19990407; CN 93112691 A 19931105; CN 98119743 A 19931105; RU
      95113962 A 19931105|
AN- <PR> AU 925700 A 19921105; AU 9351979 A 19931129; AU 9478829 A 19941114
      ; AU 9724644 A 19970530; AU 9923631 A 19990407|
CT- AU 7832715; AU 8811056; AU 9170780; AU 9172657; AU 9225291; EP 182244;
      EP 504616; EP 531241; US 4764666; US 4800520; WO 8605018; WO 8707063|
FD- WO 9410658    A1 G07C-009/00
      <DS> (National): AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR
      KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN
      <DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE
FD- AU 9351979    A  G07F-007/10   Div ex application AU 9351701
FD- AU 9351701    A  G07C-009/00   Based on patent WO 9410658
FD- AU 9478829    A  G07F-007/10   Div ex application AU 9351701
FD- AU 657662     B  G07F-007/10   Div ex application AU 9351701
            Previous Publ. patent AU 9351979
FD- AU 658111     B  G07F-007/10   Div ex application AU 9351701
            Previous Publ. patent AU 9478829
FD- EP 673534     A1 G07C-009/00   Based on patent WO 9410658
      <DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
FD- JP 8503087    W  G06F-015/00   Based on patent WO 9410658
FD- NZ 257489     A  G07C-009/00   Based on patent WO 9410658
FD- AU 9724644    A  G07C-009/00   Div ex application AU 9351701
FD- NZ 299616     A  G06K-009/78   Div ex application NZ 257489
            Div ex patent NZ 257489
FD- BR 9307500    A  G07C-009/00   Based on patent WO 9410658
FD- AU 706719     B  G07C-009/00   Div ex application AU 9351701
            Previous Publ. patent AU 9724644
FD- AU 9923631    A  G07C-009/00   Div ex application AU 9724644
            Div ex patent AU 706719
FD- US 5954583    A  G07C-009/00   Cont of application US 95433341
FD- CA 2148236    C  G06F-012/14   Based on patent WO 9410658
FD- CN 1228567    A  G06F-017/60   Div ex application CN 93112691
FD- AU 724343     B  G07C-009/00   Div ex application AU 9724644
            Div ex patent AU 706719
            Previous Publ. patent AU 9923631|
LA- WO 9410658(E<PG> 39); AU 9351979(38); AU 9478829(44); EP 673534(E<PG>
      13); JP 8503087(55); CA 2148236(E)|
DS- <NATIONAL> AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK
      LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN|
DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; OA;
      PT; SE; LI|
AB- <BASIC> WO 9410658 A
      The secure access system has a 'smart' key (25) with storage (28)
      for identification data (29) and image data (30). An interface (31)
      provides communication between the key assembly and can access control
      assembly (33) having a data processing assembly (44), a user interface
      assembly (45), a receiving slot (38) for the key assembly and an
      identity verifier (39).
      The data processing assembly is controlled by a central processor
      (34) and has data storage. The user interface assembly has a keypad
      (36) and an LCD (37). The identity verifier compares a sensed
      identification of a user with the image data embedded in the key
      assembly.
      USE - Secure access control system for use in gaming establishments
such as casinos and restricted area security, automatic teller
machines, medical records, information retrieval.
      Dwg.4/14|
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March 18, 2003 27 15:19

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1990-268114/199035|
XR- <XRPX> N90-207469|
TI- Automated merchandising system for computer software - includes memory
    for software, customer interface and payment identification and
    selected software writing and dispensing units|
PA- ORBACH Z (ORBA-I); PDAHTZUR A (PDAH-I)|
AU- <INVENTORS> ORBACH Z|
NC- 002|
NP- 002|
PN- US 4949257   A 19900814 US 89433395   A 19891107 199035 B|
PN- IL 82370   A 19900610   199035|
AN- <LOCAL> US 89433395 A 19891107|
AN- <PR> IL 82370 A 19870428|
AB- <BASIC> US 4949257 A
        The system includes a memory for storing software for distribution
    to customers and a point of sale terminal including customer interface
    for receiving a software select customer choice input. A device serves
    for writing software selected by a customer from the memory onto a
    software carrier. A device associates an identification code with
    software provided to a customer, the identification code comprising at
    least one of the following identification parameters: purchaser
    identification, point of sale identification, and data of purchase. The
    associating device comprises a unit for **embedding** the **identification**
    code on the software carrier.
        A device is associated wtih customer interface for verifying means
    of **payment** . A **device** prints manuals accompanying the software
    selected by the customer and dispenses the same to the customer. (18pp
    Dwg.No.1/2) |
DE- <TITLE TERMS> AUTOMATIC; MERCHANDISE; SYSTEM; COMPUTER; SOFTWARE;
    MEMORY; SOFTWARE; CUSTOMER; INTERFACE; PAY; IDENTIFY; SELECT; SOFTWARE;
    WRITING; DISPENSE; UNIT|
DC- T01|
IC- <ADDITIONAL> G06F-003/08; G06F-013/00; G06F-015/44; G11B-031/00|
MC- <EPI> T01-C01; T01-J05A|
FS- EPI||

  19/4/29   (Item 1 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- SERVICE METHOD AND SYSTEM FOR SUPPORTING TOUR
PN- 2002-203014 -JP 2002203014 A-
PD- July 19, 2002 (20020719)
AU- MIYASAKA AKIRA; MIYASHITA HIROBUMI
PA- SEIKO EPSON CORP
AN- 2001-083340 -JP 20011083340-
AN- 2001-083340 -JP 20011083340-
AD- March 22, 2001 (20010322)
PR- 2000-329368 [JP 2000329368], JP (Japan), October 27, 2000 (20001027)
G06F-017/60; G06F-015/02
AB- PROBLEM TO BE SOLVED: To provide a service method and system for
    supporting a user who plans an original tour and travels. SOLUTION:
    The user accesses a tour support server 20 with the user's PC 2 at
    his or her home and writes out an original tour plan 30 that the user
    downloads to a **PDA** 3 for his or her usage while traveling. The user
    can also upload contents 55 like photographs taken while traveling to
    the support server 20 from the **PDA** 3. A display editing function 14
    of the tour support server 20 **embeds** the uploaded **contents** in the

tour plan 30 and can provide a service to retouch the contents for displaying to the public on a WEB. COPYRIGHT: (C)2002,JPO

19/4/30   (Item 2 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND SYSTEM FOR **TRANSACTION** , INFORMATION PROVIDING **DEVICE** , AUTHENTICATING DEVICE, AND RECORDING MEDIUM
PN- 2001-044984 -JP 2001044984 A-
PD- February 16, 2001 (20010216)
AU- INABA HIROYUKI; KASAHARA MASAO; NAGI TAKASHI
PA- SUNMORETEC CO LTD
AN- 11-246025 -JP 99246025-
AN- 11-246025 -JP 99246025-
AD- July 27, 1999 (19990727)
H04L-009/08; G06F-015/00; G06F-017/60; G09C-001/00; G09C-005/00; H04L-009/32; H04N-001/387
AB- PROBLEM TO BE SOLVED: To reinforce the protection of purchaser's privacy and prevention against the illegal use of handled information. SOLUTION: The privacy of a purchaser who uses an information reception device 20 is protected by sending from the information reception device 20 to the information providing device 10 the digital signature information generated by authenticating the adequacy of the information reception device 20 by an authenticating device 30 and the ciphered characteristic information generated by ciphering characteristic information of the information reception device 20. While the privacy of the purchaser is protected, the adequacy of the purchaser is recognized by the information providing device 10. Then the **information** providing device 10 **embeds** the ciphered characteristic **information** as a digital watermark in provided information and the authenticating device 30 generates and sends provided information having a digitally-signed digital watermark further **embedded** in the provided **information** having the digital watermark **embedded** to the **information** reception device 20. COPYRIGHT: (C)2001,JPO

19/4/31   (Item 3 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- INTERFACE CONTROLLER AND AUTOMATIC **TRANSACTION**   **DEVICE**
PN- 2000-298752 -JP 2000298752 A-
PD- October 24, 2000 (20001024)
AU- IWAO HIROYUKI; TAKADA YOSHIHIRO
PA- OMRON CORP
AN- 11-107637 -JP 99107637-
AN- 11-107637 -JP 99107637-
AD- April 15, 1999 (19990415)
G07D-009/00; G06F-019/00; G07F-019/00
AB- PROBLEM TO BE SOLVED: To reduce storage capacity of an embedded object and to easily attain programming using the embedded object by reducing the number of objects to be **embedded** in **information** into one, even if plural devices to be controlled are present. SOLUTION: This automatic **transaction**   **device** is equipped with a display device for making guide display corresponding to transaction processing. In this case, the device is provided with an interface corresponding to plural processors for executing the transaction processing, and the interface is provided with an interface distributing part 40 for operating the distribution processing of control information to the processor according to the designation of the processor. Then, an object for designating the interface

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distributing part 40 and for designating the interface of a device to be controlled by the script of screen information constituting the screen of the display device is **embedded** in the screen **information** . COPYRIGHT: (C)2000,JPO

19/4/32   (Item 4 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- SUBSCRIBER NETWORK SYSTEM AND INFORMATION SETTING METHOD INSIDE LINE
       CONCENTRATOR THEREFOR
PN- 2000-004240 -JP 2000004240 A-
PD- January 07, 2000 (20000107)
AU- UENO YOJI
PA- NEC CORP
AN- 10-169069 -JP 98169069-
AN- 10-169069 -JP 98169069-
AD- June 17, 1998 (19980617)
H04L-012/28; H04Q-003/00; H04Q-003/60; H04Q-011/04
AB- PROBLEM TO BE SOLVED: To provide a subscriber network system capable of
       shortening aresponse time and reducing the price of a device.
        SOLUTION: When a filter table 230 of cell filters 241-24n is changed
       to an **ATM** line concentrator 200 as the result of call control by a
       call control processing part 120, a control cell generating part 130
       of an asynchronous transfer mode(**ATM**) exchange 100 generates a
       control cell in which that **information** is **embedded** . The cell
       filters 241-24n of the **ATM** line concentrator 200 distribute cells
       inputted through an **ATM** cell inserting/separating part 210 to
       subscribers according to virtual path identifiers(VPI). A control
       cell terminating part 220 terminates the control cell transmitted
       from the **ATM** exchange 100. The filter table 230 stores the setting
       information to the cell filters 241-24n in the control cell
       terminated by the control cell terminating part 220. COPYRIGHT:
       (C)2000,JPO

19/4/33   (Item 5 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- APPLICATION SYSTEM FOR **ATM** TRAFFIC PARAMETER
PN- 05-037543 -JP 5037543 A-
PD- February 12, 1993 (19930212)
AU- SOMIYA TOSHIO; ABE SHUNJI; KATO MASABUMI
PA- FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
AN- 03-194155 -JP 91194155-
AN- 03-194155 -JP 91194155-
AD- August 02, 1991 (19910802)
IC- -5- H04L-012/48
CL- 44.3 (COMMUNICATION -- Telegraphy)
SO- Section: E, Section No. 1385, Vol. 17, No. 328, Pg. 160, June 22, 1993
       (19930622)
AB- PURPOSE: To extract a parameter required for the band width calculation
       by **embedding** an **identification** number of a terminal equipment to
       a cell and sending the resulting cell when a traffic occurrence
       pattern of a service to be used at call reception is sent in terms of
       a cell.

       CONSTITUTION: A traffic application means 3 of a terminal equipment 1
       reads traffic occurrence pattern information from a memory 4 and a
       terminal equipment identification number from an identification
       number storage means 5, sets them to a cell and sends the resulting
       cell to an exchange 2. Upon the receipt of the information, the

exchange 2 sends the information to a call processing means 8 and a
traffic analysis means 9 via a VCI(virtual channel identifier)
identification means 6. The means 9 extracts a call reception
processing parameter and a band width management parameter and
informs the call reception processing parameter to the means 8 and
informs the band width management parameter to the band width
management means 7 to monitor whether or not the information
indicates the traffic as applied. A storage means 10 stores the
result of analysis of the means 9 together with the identification
number of the terminal equipment 1 to terminate the setup processing
and to call a communication destination of the terminal equipment 1

?

?t14/4/all

14/4/1 **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2003-059452/200305|
XR- <XRPX> N03-046080|
TI- Gaming console system has **biometric** pad and control pad for receiving
fingerprint and PIN respectively from consumer|
PA- CHATANI M (CHAT-I); LUDTKE H A (LUDT-I); MARITZEN M (MARI-I); NIWA K
(NIWA-I); TSUKAMURA Y (TSUK-I); YASUDA H (YASU-I); SONY ELECTRONICS INC
(SONY)|
AU- <INVENTORS> CHATANI M; **LUDTKE H A** ; **MARITZEN M** ; NIWA K; TSUKAMURA Y;
YASUDA H|
NC- 100|
NP- 002|
PN- WO 200298054 A1 20021205 WO 2002US16801 A 20020528 200305 B|
PN- US 20020184500 A1 20021205 US 2001294491 P 20010529 200315
<AN> US 2001294493 P 20010529
<AN> US 2001294499 P 20010529
<AN> US 2002109469 A 20020327|
AN- <LOCAL> WO 2002US16801 A 20020528; US 2001294491 P 20010529; US
2001294493 P 20010529; US 2001294499 P 20010529; US 2002109469 A
20020327|
AN- <PR> US 2002109469 A 20020327; US 2001294491 P 20010529; US 2001294493
P 20010529; US 2001294499 P 20010529|
FD- WO 200298054 A1 H04L-009/32
<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
FD- US 20020184500 A1 H04K-001/00 Provisional application US 2001294491
Provisional application US 2001294493
Provisional application US 2001294499|
LA- WO 200298054(E<PG> 45)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZM;
ZW|
AB- <PN> WO 200298054 A1|
AB- <NV> NOVELTY - A **biometric** pad (625) is connected to a game console
(610) for receiving a **fingerprint** from the consumer to authenticate
an identity of the consumer. A control pad (630) connected to the game
console, enables the consumer to enter the PIN.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
following:
(1) Initializing method; and
(2) Computer readable medium storing instructions to perform
initialization method.
USE - To perform financial transactions with remote devices such as
point of sale, point of use.
ADVANTAGE - Provides greater flexibility for the consumer in
accomplishing tasks. The security of user's identity is achieved.
DESCRIPTION OF DRAWING(S) - The figure shows a gaming console.
Game console (610)

Biometric pad (625)
Control pad (630)
pp; 45 DwgNo 6/10|
DE- <TITLE TERMS> GAME; CONSOLE; SYSTEM; PAD; CONTROL; PAD; RECEIVE;
FINGERPRINT ; PIN; RESPECTIVE; CONSUME|
DC- T01; T04; T05; W01|
IC- <MAIN> H04K-001/00; H04L-009/32|
IC- <ADDITIONAL> H04L-009/00|
MC- <EPI> T01-C02B; T04-F02B3; T05-D01B; W01-A05B|
FS- EPI||

14/4/2 **(Item 2 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-712985/200277|
XR- <XRPX> N02-562507|
TI- On-line business transaction method for electronic banking, stock
    trading, involves transmitting unique identification trait of consumer
    while establishing transaction between consumer and provider|
PA- LUDTKE H A (LUDT-I); MARITZEN L M (MARI-I)|
AU- <INVENTORS> **LUDTKE H A ; MARITZEN L M** |
NC- 001|
NP- 001|
PN- US 20020128980 A1 20020912 US 2000255004 A 20001212 200277 B
    <AN> US 200114112   A 20011211|
AN- <LOCAL> US 2000255004 A 20001212; US 200114112 A 20011211|
AN- <PR> US 2000255004 P 20001212; US 200114112 A 20011211|
FD- US 20020128980 A1 G06F-017/60   Provisional application US 2000255004|
LA- US 20020128980(17)|
AB- <PN> US 20020128980 A1|
AB- <NV> NOVELTY - A communication link is established between a consumer
    terminal (202) and a provider's terminal (212) through a network (204),
    and a transaction is established by entering the related information.
    An information and a signal corresponding to an unique ID trait (UIT)
    such as **fingerprint** , retina pattern, **iris** pattern of the consumer
    are transmitted to the provider's terminal from the consumer terminal
    while establishing transaction.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
    communication device.
       USE - For business transaction such as electronic banking, stock
    trading, goods purchasing, service provision through Internet using
    communication device, such as wireless device e.g. PDA, cellphone,
    satellite broadcasting set-top box, portable computer with a wireless
    modem, wired device e.g. point-of-sale terminal, PC server, ATM
    machine, cable set-top box or land-line telephone.
       ADVANTAGE - Secure transaction is conducted by verifying the
    identity of a transaction party. Hence burdens imposed upon consumers
    or other transaction parties are decreased.
       DESCRIPTION OF DRAWING(S) - The figure shows the business
    transaction establishment system.
       Consumer terminal (202)
       Network (204)
       Provider's terminal (212)
       pp; 17 DwgNo 1/8|
DE- <TITLE TERMS> LINE; BUSINESS; TRANSACTION; METHOD; ELECTRONIC; BANK;
    STOCK; TRADE; TRANSMIT; UNIQUE; IDENTIFY; TRAIT; CONSUME; ESTABLISH;
    TRANSACTION; CONSUME|
DC- T01; T05; W01|
IC- <MAIN> G06F-017/60|

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        Biometric pad (625)
        Control pad (630)
        pp; 45 DwgNo 6/10|
DE- <TITLE TERMS> GAME; CONSOLE; SYSTEM; PAD; CONTROL; PAD; RECEIVE;
    FINGERPRINT ; PIN; RESPECTIVE; CONSUME|
DC- T01; T04; T05; W01|
IC- <MAIN> H04K-001/00; H04L-009/32|
IC- <ADDITIONAL> H04L-009/00|
MC- <EPI> T01-C02B; T04-F02B3; T05-D01B; W01-A05B|
FS- EPI||
```

14/4/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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```
IM- *Image available*
AA- 2002-712985/200277|
XR- <XRPX> N02-562507|
TI- On-line business transaction method for electronic banking, stock
    trading, involves transmitting unique identification trait of consumer
    while establishing transaction between consumer and provider|
PA- LUDTKE H A (LUDT-I); MARITZEN L M (MARI-I)|
AU- <INVENTORS>  LUDTKE H A ;  MARITZEN L M |
NC- 001|
NP- 001|
PN- US 20020128980 A1 20020912 US 2000255004  A  20001212 200277 B
    <AN> US 200114112   A  20011211|
AN- <LOCAL> US 2000255004 A 20001212; US 200114112 A 20011211|
AN- <PR> US 2000255004 P 20001212; US 200114112 A 20011211|
FD- US 20020128980 A1 G06F-017/60   Provisional application US 2000255004|
LA- US 20020128980(17)|
AB- <PN> US 20020128980 A1|
AB- <NV> NOVELTY - A communication link is established between a consumer
    terminal (202) and a provider's terminal (212) through a network (204),
    and a transaction is established by entering the related information.
    An information and a signal corresponding to an unique ID trait (UIT)
    such as  fingerprint , retina pattern,  iris  pattern of the consumer
    are transmitted to the provider's terminal from the consumer terminal
    while establishing transaction.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
    communication device.
        USE - For business transaction such as electronic banking, stock
    trading, goods purchasing, service provision through Internet using
    communication device, such as wireless device e.g. PDA, cellphone,
    satellite broadcasting set-top box, portable computer with a wireless
    modem, wired device e.g. point-of-sale terminal, PC server, ATM
    machine, cable set-top box or land-line telephone.
        ADVANTAGE - Secure transaction is conducted by verifying the
    identity of a transaction party. Hence burdens imposed upon consumers
    or other transaction parties are decreased.
        DESCRIPTION OF DRAWING(S) - The figure shows the business
    transaction establishment system.
        Consumer terminal (202)
        Network (204)
        Provider's terminal (212)
        pp; 17 DwgNo 1/8|
DE- <TITLE TERMS> LINE; BUSINESS; TRANSACTION; METHOD; ELECTRONIC; BANK;
    STOCK; TRADE; TRANSMIT; UNIQUE; IDENTIFY; TRAIT; CONSUME; ESTABLISH;
    TRANSACTION; CONSUME|
DC- T01; T05; W01|
IC- <MAIN> G06F-017/60|
```

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MC- <EPI> T01-N01A1; T01-N01A2F; T05-L02; W01-A05B|
FS- EPI||

14/4/3 **(Item 3 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-557149/200259|
XR- <XRPX> N02-441057|
TI- Unauthorized electronic transaction prevention in **biometric** device,
    involves comparing **biometric** data of unauthorized person with that of
    authorized person registered with trusted entity, for registration
    prevention|
PA- LUDTKE H A (LUDT-I); MARITZEN L M (MARI-I); NIWA K (NIWA-I); TSUKAMURA
    Y (TSUK-I)|
AU- <INVENTORS> **LUDTKE H A ;** **MARITZEN L M** ; NIWA K; TSUKAMURA Y|
NC- 001|
NP- 001|
PN- US 20020073344 A1 20020613 US 2000254337 A 20001208 200259 B
    <AN> US 2001929960 A 20010815|
AN- <LOCAL> US 2000254337 A 20001208; US 2001929960 A 20010815|
AN- <PR> US 2000254337 P 20001208; US 2001929960 A 20010815|
FD- US 20020073344 A1 H04L-009/32   Provisional application US 2000254337|
LA- US 20020073344(11)|
AB- <PN> US 20020073344 A1|
AB- <NV> NOVELTY - A **biometric** data is sensed and compared with another
    biometric data of an authorized user registered with a trusted entity.
    If the sensed **biometric** data does not match the registered **biometric**
    data, the registration of the sensed **biometric** data at the trusted
    entity is prevented.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) Article comprising storage medium storing unauthorized
    electronic transaction prevention program;
        (2) Unauthorized electronic transaction prevention system; and
        (3) Electronic transaction device.
        USE - For use in **biometric** device that is configured to access a
    line of financial credit.
        ADVANTAGE - Prevents unscrupulous person from stealing the identity
    of another person to obtain or to use an asset of that person.
        DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram
    illustrating the unauthorized electronic transaction prevention method.

        pp; 11 DwgNo 5/5|
DE- <TITLE TERMS> UNAUTHORISED; ELECTRONIC; TRANSACTION; PREVENT; DEVICE;
    COMPARE; DATA; UNAUTHORISED; PERSON; AUTHORISE; PERSON; REGISTER;
    ENTITY; REGISTER; PREVENT|
DC- S05; T01; T04; T05|
IC- <MAIN> H04L-009/32|
MC- <EPI> S05-D01C5A; T01-N01A1; T01-N02B1B; T04-D07; T05-L03; T05-L03C5|
FS- EPI||

14/4/4 **(Item 4 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-339675/200237|·
DX- <RELATED> 2002-304154|

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XR- <XRPX> N02-267102|
TI- Consolidating networked transaction data by accessing digital payment
right policy associated with purchased product and using **biometric**
data for authorization|
PA- SONY ELECTRONICS INC (SONY   ); LUDTKE H A (LUDT-I); MARITZEN L M
(MARI-I); NIWA K (NIWA-I); TSUKAMURA Y (TSUK-I)|
AU- <INVENTORS> **LUDTKE H A ; MARITZEN L M** ; NIWA K; TSUKAMURA Y|
NC- 097|
NP- 003|
PN- WO 200219057 A2 20020307 WO 2001US26098 A 20010820 200237 B|
PN- AU 200186585 A 20020313 AU 200186585   A 20010820 200249
PN- US 20020128878 A1 20020912 US 2000229612 A 20000831 200262
<AN> US 2000254501 A 20001208
<AN> US 2001930609 A 20010815|
AN- <LOCAL> WO 2001US26098 A 20010820; AU 200186585 A 20010820; US
2000229612 A 20000831; US 2000254501 A 20001208; US 2001930609 A
20010815|
AN- <PR> US 2001930608 A 20010815; US 2000229612 P 20000831; US 2000254501
P 20001208; US 2001930609 A 20010815|
FD- WO 200219057 A2 G06F-000/00
<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- AU 200186585 A G06F-000/00   Based on patent WO 200219057
FD- US 20020128878 A1 G06F-017/60   Provisional application US 2000229612
Provisional application US 2000254501|
LA- WO 200219057(E<PG> 24)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> WO 200219057 A2|
AB- <NV> NOVELTY - Method consists in consolidating transaction data
received from suppliers on a network-enabled portal at a consolidation
payment service, receiving payment information and presenting a single
transaction history to the user. A digital payment right policy
associated with a product purchased from the supplier is accessed to
determine payment to an author, singer or owner. The transaction is
authorized using **biometric** data stored in a transaction device and
the user remains anonymous.|
AB- <BASIC> DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a
transaction apparatus, (2) a payment consolidation computer program.
    USE - Method is for re-using financial information to process
billing information and pay bills from multiple networked suppliers.
    DESCRIPTION OF DRAWING(S) - The figure shows a transaction
information consolidation system.
    pp; 24 DwgNo 1/5|
DE- <TITLE TERMS> CONSOLIDATE; TRANSACTION; DATA; ACCESS; DIGITAL; PAY;
RIGHT; ASSOCIATE; PURCHASE; PRODUCT; DATA; AUTHORISE|
DC- T01; T05|
IC- <MAIN> G06F-000/00; G06F-017/60|
MC- <EPI> T01-C10; T01-J05B2; T01-N01A1; T01-N01A2A; T01-N02B1B; T01-S03;
T05-D01B; T05-L02|
FS- EPI||
?

?t17/4/all

17/4/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2003-090536/200308|
XR- <XRPX> N03-071512|
TI- Palm-sized computing device e.g. personal digital assistant, uses
    optical character recognition engine to recognize scanned image and
    convert it into text|
PA- XIGAN SCI & TECHNOLOGY SHENZHEN CO LTD (XIGA-N); SYSCAN TECHNOLOGY
    SHENZHEN CO LTD (SYSC-N); HOU D (HOUD-I)|
AU- <INVENTORS> HU D; HOU D|
NC- 003|
NP- 003|
PN- US 20020131636 A1 20020919 US 2001812705 A 20010319 200308 B|
PN- JP 2002366941 A 20021220 JP 200275212 A 20020318 200313
PN- CN 1375782 A 20021023 CN 2002107358 A 20020318 200313|
AN- <LOCAL> US 2001812705 A 20010319; JP 200275212 A 20020318; CN
    2002107358 A 20020318|
AN- <PR> US 2001812705 A 20010319|
LA- US 20020131636(15); JP 2002366941(11)|
AB- <PN> US 20020131636 A1|
AB- <NV> NOVELTY - A scanpen (106) scans graphics (114) on a card (110). An
    optical character recognition (OCR) engine recognizes the scanned image
    and converts it into text.|
AB- <BASIC> USE - E.g. personal digital assistant, smart phone, **WAP** phone
    with scanpen for reading alphanumeric character, symbols, logo,
    graphics and **fingerprint** image on documents, business cards, etc.
       ADVANTAGE - The erroneous manual input is eliminated, by the
    provision of the scanpen and the OCR engine.
       DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    the personal digital assistant.
       Scanpen (106)
       Card (110)
       Graphics (114)
       pp; 15 DwgNo 1/7|
AB- <TF> TECHNOLOGY FOCUS - INDUSTRIAL STANDARDS - The computing device
    transmits the **text** **information** to personal computer through RS232
    cable.|
DE- <TITLE TERMS> PALM; SIZE; COMPUTATION; DEVICE; PERSON; DIGITAL; ASSIST;
    OPTICAL; CHARACTER; RECOGNISE; ENGINE; RECOGNISE; SCAN; IMAGE; CONVERT;
    TEXT|
DC- T01; T04; W01|
IC- <MAIN> G06F-015/00; G06K-009/00; G06T-001/00|
IC- <ADDITIONAL> H04N-001/107|
MC- <EPI> T01-C06; T01-J10B2A; T01-J11A; T01-M06A1A; T04-D04; T04-M02;
    W01-C01D3C; W01-C01G6E|
FS- EPI||

17/4/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2003-081681/200308|
XR- <XRPX> N03-064025|
TI- IC card has integrated circuit chip which stores both individual
    information and **fingerprint** **image** photographed by **fingerprint**

```
        image pick-up unit|
PA- IWATE TOSHIBA ELECTRONICS KK (TOKE  ); TOSHIBA KK (TOKE  )|
NC- 001|
NP- 001|
PN- JP 2002298119 A  20021011 JP 200197475   A  20010329 200308 B|
AN- <LOCAL> JP 200197475 A 20010329|
AN- <PR> JP 200197475 A 20010329|
LA- JP 2002298119(7)|
AB- <PN> JP 2002298119 A|
AB- <NV> NOVELTY - A transceiver transmits and receives information between
    external device and stores received information in memory. An
    integrated circuit chip (3) which stores both the individual
    information stored in memory and the  fingerprint  image photographed
    by an image pick-up unit (5).|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for IC
    card system.
         USE - IC card for storing individual information used in hospitals
    for operating  ATM , for shopping, etc.
         ADVANTAGE - Confirmation of an individual is performed reliably,
    thus eliminated unauthorized user and prevents forgery.
         DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of
     fingerprint  image pick-up. (Drawing includes non-English language
    text).
         Integrated circuit chip (3)
         Image pick-up unit (5)
         pp; 7 DwgNo 1/16|
DE- <TITLE TERMS> IC; CARD; INTEGRATE; CIRCUIT; CHIP; STORAGE; INDIVIDUAL;
    INFORMATION;  FINGERPRINT ; IMAGE; PHOTOGRAPH;  FINGERPRINT ; IMAGE;
    PICK; UP; UNIT|
DC- P76; T01; T04|
IC- <MAIN> G06K-019/10|
IC- <ADDITIONAL> B42D-015/10; G06T-001/00|
MC- <EPI> T01-H01B3A; T04-C02; T04-K01|
FS- EPI; EngPI||


 17/4/3      (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2003-067657/200306|
DX- <RELATED> 2002-528507|
XR- <XRPX> N03-052475|
TI- Media content rights management method in internet, involves packaging
     identified  media  content  in encrypted package and inking media
    content to usage rules through steganographic identifier|
PA- HIATT R S (HIAT-I); LEVY K L (LEVY-I); RHOADS G B (RHOA-I); DIGIMARC
    CORP (DIGI-N)|
AU- <INVENTORS> HIATT R S; LEVY K L; RHOADS G B|
NC- 096|
NP- 002|
PN- WO 200286803  A1 20021031 WO 2002US12171 A  20020419 200306 B|
PN- US 20020186844 A1 20021212 US 2000256628  P  20001218 200306
    <AN> US 2001285514  P  20010420
    <AN> US 2001315569  P  20010828
    <AN> US 2001336209  P  20011030
    <AN> US 200117679   A  20011213
    <AN> US 2002126921  A  20020418|
AN- <LOCAL> WO 2002US12171 A 20020419; US 2000256628 P 20001218; US
    2001285514 P 20010420; US 2001315569 P 20010828; US 2001336209 P
    20011030; US 200117679 A 20011213; US 2002126921 A 20020418|
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AN- <PR> US 2002126921 A 20020418; US 2001285514 P 20010420; US 2001315569
   P 20010828; US 2000256628 P 20001218; US 2001336209 P 20011030; US
   200117679 A 20011213|
FD- WO 200286803 A1 G06K-009/00
   <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
   CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
   SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
   LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
FD- US 20020186844 A1 G06F-017/60   Provisional application US 2000256628
              Provisional application US 2001285514
              Provisional application US 2001315569
              Provisional application US 2001336209
              CIP of application US 200117679|
LA- WO 200286803(E<PG> 3)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
   DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
   LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
   SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
   IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZM;
   ZW|
AB- <PN> WO 200286803 A1|
AB- <NV> NOVELTY - The media **content** is **identified** with a
   steganographic identifier, by digital watermarking and packaged in an
   encrypted package. The media content is linked to the usage rules,
   stored in database server, through the steganographic identifier.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
        (1) Rights management system;
        (2) Content distribution chain regulation method;
        (3) Distribution regulation method;
        (4) Distribution system; and
        (5) Content repackaging method.
      USE - For performing right management of media **content** such as
   audio , video, **images** , electronic **data** , **biometric   information** ,
   graphics and design, electronic document, copyrighted materials of
   software multimedia content transmitted through **internet** , extranet,
   web site, intranet, LAN, WAN, **wireless** network or file transfer
   transactions .
      ADVANTAGE - By linking·media content.with the usage rules, the copy
   protection information is allowed to be over-ridden, thereby enabling
   the sale or distribution of content to end-users and enabling the
   content owners to be properly paid and users to share content instead
   of merely prohibiting use of the content and harming the security of
   the DRM system.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
   illustrating the content management.
        pp; 3 DwgNo 1/9|
DE- <TITLE TERMS> MEDIUM; CONTENT; MANAGEMENT; METHOD; PACKAGE; IDENTIFY;
   MEDIUM; CONTENT; ENCRYPTION; PACKAGE; INK; MEDIUM; CONTENT; RULE;
   THROUGH; IDENTIFY|
DC- T01; W01|
IC- <MAIN> G06F-017/60; G06K-009/00|
IC- <ADDITIONAL> G06F-017/30|
MC- <EPI> T01-D01; T01-J20B2A; T01-N01D1; W01-A06B5A; W01-A06C4|
FS- EPI||

 17/4/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2002-728702/200279|
DX- <RELATED> 1998-599723|
XR- <XRPX> N02-575011|
TI- **Automatic teller** machine operation system for financial
    institution, collates **identification information** input by monitor
    board with registered information and transmits operation state and
    usage condition of **ATM** to monitor board|
PA- OKI ELECTRIC IND CO LTD (OKID)|
NC- 001|
NP- 001|
PN- JP 2002269620 A 20020920 JP 9773751   A 19970326 200279 B
    <AN> JP 200247902   A 19970326|
AN- <LOCAL> JP 9773751 A 19970326; JP 200247902 A 19970326|
AN- <PR> JP 9773751 A 19970326; JP 200247902 A 19970326|
FD- JP 2002269620 A G07D-009/00   Div ex application JP 9773751|
LA- JP 2002269620(7)|
AB- <PN> JP 2002269620 A|
AB- <NV> NOVELTY - The system transmits **identification information**
    obtained by photograph of operator's **eye** by a camera (11) in monitor
    board (10) to the **automatic teller** machine (**ATM**). The transmitted
    information is collated with prestored **identification information** .
    The **information** indicating operation state, and the usage condition
    of the **ATM** is transmitted to the monitor board, based on the
    collation.|
AB- <BASIC> USE - For **automatic teller** machine installed in financial
    institution.
        ADVANTAGE - The state of the **ATM** is grasped efficiently by a
    portable monitor board. Provides effective implementation of the **ATM**
    and ensures security property.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    monitor system of **automatic teller** machine. (Drawing includes
    non-English language text).
        Monitor board (10)
        Camera (11)
        pp; 7 DwgNo 1/2|
DE- <TITLE TERMS> AUTOMATIC; TELLER; MACHINE; OPERATE; SYSTEM; FINANCIAL;
    INSTITUTION; COLLATE; IDENTIFY; INFORMATION; INPUT; MONITOR; BOARD;
    REGISTER; INFORMATION; TRANSMIT; OPERATE; STATE; CONDITION; **ATM** ;
    MONITOR; BOARD|
DC- T05|
IC- <MAIN> G07D-009/00|
MC- <EPI> T05-L03C1|
FS- EPI||

 17/4/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2002-637992/200269|
XR- <XRPX> N02-504041|
TI- **Fingerprint** identification system for e-commerce, compares **image
    data** obtained based on output of sensors that read **fingerprint** in
    smaller and larger region of finger, respectively|
PA- SONY CORP (SONY); FUNAHASHI T (FUNA-I)|
AU- <INVENTORS> FUNAHASHI T|
NC- 028|
NP- 003|

PN- EP 1239404   A2 20020911 EP 2002251564 A 20020306 200269 B|
PN- US 20020126882 A1 20020912 US 200291294   A 20020306 200269
PN- JP 2002334324 A 20021122 JP 2001345719 A 20011112 200307|
AN- <LOCAL> EP 2002251564 A 20020306; US 200291294 A 20020306; JP
    2001345719 A 20011112|
AN- <PR> JP 2001345719 A 20011112; JP 200162859 A 20010307|
FD- EP 1239404   A2 G06K-009/00
    <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
    MC MK NL PT RO SE SI TR|
LA- EP 1239404(E<PG> 31); JP 2002334324(18)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
    LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; TR|
AB- <PN> EP 1239404 A2|
AB- <NV> NOVELTY - A registration unit includes a sensor that reads
    fingerprint in larger region of a finger. An identification unit
    includes another sensor that reads **fingerprint** in smaller region of
    the finger. The **image data** generated based on the output of both
    the sensors are compared, to determine whether **finger print**
    represented by respective **image data** coincide with each other.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) **Fingerprint** identification apparatus;
        (2) **Fingerprint** identification method; and
        (3) **Biometric** identification apparatus.
    USE - **Fingerprint** identification system for authenticating a
    user, used in e-commerce and for verifying telephone card, credit card,
    cash card, card to be used in **automatic teller** machine (**ATM**) of
    bank, ticket or commutation ticket for various public transportation
    services, passport, driving license, insurance card and smart card.
    ADVANTAGE - The **fingerprint** identification is performed
    accurately. Since the **fingerprint** sensor in the identification unit
    reads smaller region, number of required components is reduced.
    DESCRIPTION OF DRAWING(S) - The figure show **fingerprint** image
    represented by binary **image data** .
    pp; 31 DwgNo 4A/16|
DE- <TITLE TERMS> **FINGERPRINT** ; IDENTIFY; SYSTEM; COMPARE; IMAGE; DATA;
    OBTAIN; BASED; OUTPUT; SENSE; READ; **FINGERPRINT** ; SMALLER; LARGER;
    REGION; FINGER; RESPECTIVE|
DC- P31; S05; T04; T05|
IC- <MAIN> G06K-009/00; G06T-001/00|
IC- <ADDITIONAL> A61B-005/117; G06F-015/00; G06T-007/00; G07C-009/00|
MC- <EPI> S05-D01C5A; T04-D02; T05-D01B; T05-L03C5|
FS- EPI; EngPI||

 17/4/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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AA- 2002-584564/200263|
XR- <XRPX> N02-463537|
TI- **Fingerprint** recognizer with pager and its wireless remote control
    system|
PA- HUANG J (HUAN-I)|
AU- <INVENTORS> HUANG J|
NC- 001|
NP- 001|
PN- CN 1353394   A 20020612 CN 2000130299 A 20001110 200263 B|
AN- <LOCAL> CN 2000130299 A 20001110|
AN- <PR> CN 2000130299 A 20001110|
AB- <PN> CN 1353394 A|
AB- <NV> NOVELTY - A **fingerprint** recognizer with pager and its wireless

remote controller for loading money to **ATM** of bank automatically by
recognizing **fingerprint** and opening its door. The **fingerprint**
recognizer has a built-in wireless pager. The **fingerprint** information
of someone is transmitted to the paging station via input device, and
it is then transmitted to the pointed pager. The pager can forward the
image or **data** **information** to the **fingerprint** recognizer which
can open the door of **ATM** for someone.|
AB- <BASIC> DwgNo 0/0|
DE- <TITLE TERMS> **FINGERPRINT** ; RECOGNISE; PAGE; WIRELESS; REMOTE; CONTROL
; SYSTEM|
DC- S05; T04; T05|
IC- <MAIN> G06K-009/20|
MC- <EPI> S05-D01C5A; T04-D07; T05-D01B; T05-L03C|
FS- EPI||

17/4/7 **(Item 7 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv. ·

IM- *Image available*
AA- 2002-561344/200260|
XR- <XRPX> N02-444520|
TI- Banking system for automatic **payment** **machine** , collates **fingerprint**
image **information** from financial terminal with stored **fingerprint**
information in memory and notifies result of collation to financial
terminal|
PA- NEC CORP (NIDE)|
NC- 001|
NP- 001|
PN- JP 2002149969 A 20020524 JP 2000339072 A 20001107 200260 B|
AN- <LOCAL> JP 2000339072 A 20001107|
AN- <PR> JP 2000339072 A 20001107|
LA- JP 2002149969(8) |
AB- <PN> JP 2002149969 A|
AB- <NV> NOVELTY - A money card (1) has memory area which stores a
fingerprint transaction information and an account status of a user by
a **fingerprint** collation. A transmitter transmits the user
fingerprint **image** **information** received in a **fingerprint**
recognition unit (22) to a host computer (4). A **fingerprint**
processing unit (42) collates the **fingerprint** **image** **information**
from a financial terminal (2) with the stored information and notifies
the result to the financial terminal.|
AB- <BASIC> USE - Banking system for cash dispenser (**ATM**), automatic
payment **machine** installed in financial institution.
ADVANTAGE - **Fingerprint** collation provides an easiness in
utilization of card transactions and provides improvement in security.
DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the
banking system. (Drawing includes non-English language text).
Money card (1)
Financial terminal (2)
Calculation system host computer (4)
Fingerprint recognition unit (22)
Fingerprint processing unit (42)
pp; 8 DwgNo 1/5|
DE- <TITLE TERMS> BANK; SYSTEM; AUTOMATIC; PAY; MACHINE; COLLATE;
FINGERPRINT ; IMAGE; INFORMATION; FINANCIAL; TERMINAL; STORAGE;
FINGERPRINT ; INFORMATION; MEMORY; NOTIFICATION; RESULT; COLLATE;
FINANCIAL; TERMINAL|
DC- S05; T01; T04; T05|
IC- <MAIN> G06F-017/60|
IC- <ADDITIONAL> G06F-015/00; G06K-017/00; G06K-019/10|

MC- <EPI> S05-D01C5A; T01-J10B2A; T04-D04; T05-L03C5|
FS- EPI||

17/4/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-538261/200257|
XR- <XRPX> N02-426267|
TI- E-commerce business method using optical memory card containing users
    transaction information|
PA- DREXLER TECHNOLOGY CORP (DRXL)|
AU- <INVENTORS> HADDOCK R M; SCIUPAC L H|
NC- 094|
NP- 001|
PN- WO 200256229 A1 20020718 WO 2001US40992 A 20010613 200257 B|
AN- <LOCAL> WO 2001US40992 A 20010613|
AN- <PR> US 2000619028 A 20000719|
FD- WO 200256229 A1 G06F-017/60
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
    CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
    KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
    SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW|
LA- WO 200256229(E<PG> 26)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
    DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
    LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
    SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> WO 200256229 A1|
AB- <NV> NOVELTY - The user is provided with a blank optical memory card
    which he encodes with all of the user's personal transaction
    information such as **credit** card **numbers** . The agency (30) and user
    (32) are provided with access to a transaction site computer with
    access to the broker's e-commerce site and/or a **kiosk** (20).|
AB- <BASIC> DETAILED DESCRIPTION - The user is able to use the single,
    secure medium to conduct many transactions. After inserting the card
    (28) into a transaction site such as a **kiosk** (20), the user's
    identification is verified using **biometric** indicia. From the **kiosk**
    the user is able to access his or her personalized web site (11) and
    select the translation, business, personal or governmental, which he or
    she wishes to conduct. The user selects the encoded information that is
    needed to conduct the transaction with an agency (30). The information
    is read and transmitted to a broker who completes the transaction. The
    agency is not provided with access to the information and the
    information is not stored in company or network database (15) or on a
    network. A confirmation that the transaction has been completed is
    provided to the user (32) and the agency with which the transaction has
    been conducted.
        USE - E-commerce business method.
        ADVANTAGE - Encryption on the card is secure.
        DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram
    of the commerce system.
        Web site (11)
        Database (15)
        Kiosk (20)
        Agency (30)

```
        User (32)
        pp; 26 DwgNo 3/3|
DE- <TITLE TERMS> BUSINESS; METHOD; OPTICAL; MEMORY; CARD; CONTAIN; USER;
    TRANSACTION; INFORMATION|
DC- T01; T04; T05|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-N01A1; T01-N02B1B; T04-A03B; T05-H02C5B; T05-L02|
FS- EPI||
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17/4/9   (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-506589/200254|
DX- <RELATED> 1993-288621; 1996-019176; 1996-087145; 1998-321716;
    1998-436644; 1999-385670; 2002-147029; 2002-434414; 2002-617239|
XR- <XRPX> N02-400765|
TI- Two-dimensional image reading method in bank, involves focussing light
    reflected from two-dimensional image to obtain focussed ambient light
    which is sensed by CMOS detector and processed to obtain image signal|
PA- SYMBOL TECHNOLOGIES INC (SYMB-N)|
AU- <INVENTORS> ROUSTAEI A|
NC- 001|
NP- 001|
PN- US 6385352    B1 20020507 US 94329257    A  19941026 200254 B|
AN- <LOCAL> US 94329257 A 19941026|
AN- <PR> US 94329257 A 19941026|
LA- US 6385352(23)|
AB- <PN> US 6385352 B1|
AB- <NV> NOVELTY - The light from a LED array is focussed towards the edges
    of the field of view for locating the two-dimensional image. The light
    reflected from the image is focussed to obtain the focussed ambient
    light. A CMOS detector (1506) senses the ambient light to obtain the
    sensed two-dimensional image. The image signal obtained by processing
    the sensed image is compressed and then decoded to obtain the  image
    data . |
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
    following:
        (1) Optical scanner;
        (2) Method for comparing new two-dimensional  image  to stored
    data  representing two-dimensional  image ; and
        (3) System for comparing new two-dimensional  image  to stored
    data  representing two-dimensional  image .
        USE - For reading two dimensional image such as  fingerprint ,
    signature and photograph, which provide personal identification or
    record for e.g. person's medical history, in bank, automatic   teller
    machine ( ATM ) and other institutions, and in point-of-sale use or
    industrial applications.
        ADVANTAGE - The two-dimensional image is read easily using an
    inexpensive CMOS detectors.
        DESCRIPTION OF DRAWING(S) - The figure shows a diagrammatic view of
    the optical scanner.
        CMOS detector (1506)
        pp; 23 DwgNo 15/16|
DE- <TITLE TERMS> TWO; DIMENSION; IMAGE; READ; METHOD; BANK; FOCUS; LIGHT;
    REFLECT; TWO; DIMENSION; IMAGE; OBTAIN; FOCUS; AMBIENT; LIGHT; SENSE;
    CMOS; DETECT; PROCESS; OBTAIN; IMAGE; SIGNAL|
DC- S05; T01; T04; T05|
IC- <MAIN> G06K-009/32|
MC- <EPI> S05-D01C5A; T01-J05A1; T01-J10B2A; T01-J10D; T01-J12C; T04-D04;
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    T04-M01; T05-L03C5|
FS- EPI||
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17/4/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-479063/200251|
DX- <RELATED> 2001-625730|
XR- <XRPX> N02-378331|
TI- Microlens sheeting for use as validation stickers for vehicle license
    plates, has radiation sensitive material coated to microlens layer in
    which image is formed such that it appears as floating above or below
    sheeting|
PA- 3M INNOVATIVE PROPERTIES CO (MINN   )|
AU- <INVENTORS> FLORCZAK J M; KRASA R T; MAKI S P; OSGOOD R M|
NC- 100|
NP- 002|
PN- US 20020054434 A1 20020509 US 2000510428 A   20000222 200251 B
    <AN> US 2001898580 A 20010703|
PN- WO 2003005075 A1 20030116 WO 2002US21165 A   20020702 200306|
AN- <LOCAL> US 2000510428 A 20000222; US 2001898580 A 20010703; WO
    2002US21165 A 20020702|
AN- <PR> US 2001898580 A 20010703; US 2000510428 A 20000222|
FD- US 20020054434 A1 G02B-027/10   CIP of application US 2000510428
                 CIP of patent US 6288842
FD- WO 2003005075 A1 G02B-005/128
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
    CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
    KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
    RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
    <DS> (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE
    IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW|
LA- US 20020054434(25); WO 2003005075(E)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
    DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
    KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU
    SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW|
DS- <REGIONAL> AT; BE; BG; CH; CY; CZ; DE; DK; EA; EE; ES; FI; FR; GB; GH;
    GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SK; SL; SZ;
    TR; TZ; UG; ZM; ZW|
AB- <PN> US 20020054434 A1|
AB- <NV> NOVELTY - Sheeting (106) includes several layers of microlenses
    (112), each having primary side coated with radiation sensitive
    material (111). Partially complete image is formed in the radiation
    sensitive material of each lens, which is contrast with the material.
    The composite images appears to the unaided **eye** to be floating above
    or below the sheeting or both.|
AB- <BASIC> USE - For use as validation stickers for vehicle license
    plates, and as security films for driver's licenses, government
    documents, tape cassettes, playing cards, beverage containers as
    identification emblems for police, fire or other emergency vehicles, as
    securing tamper proof images in passports, ID badges, banknotes, event
    passes, affinity cards, product **identification** formats, as
    information presentation **images** in **kiosks** , night signs, vehicles
    and automotive dashboard displays, as decoration for apparel and
    fashion accessories such as everyday clothing, sports clothing,
    designer clothing, outer wear, foot wear, caps, hats, gloves, purses,
    wallets, briefcases, backpacks, fanny packs, computer cases, luggage,
    notebooks, business cards, hang-tags, art, shoes, bottled products, as

advertising sheets in bill boards, signs, semitrailers, as brand or
logo for books, appliances, electronics, hardware, vehicles, sport
equipment, collectibles.
  ADVANTAGE - The formation of images in radiation sensitive
materials coated in each microlens layer, enables to form
three-dimensional image by floating above/below and in the plane of
sheeting, hence perspective of composite image changes with the viewing
angle.
  DESCRIPTION OF DRAWING(S) - The drawings show geometrical optical
representations of the formation of composite image of the sheeting.
    sheeting (106)
    radiation sensitive material (111)
    microlens (112)
    pp; 25 DwgNo 8,9/16|

AB- <TF> TECHNOLOGY FOCUS - INORGANIC CHEMISTRY - The radiation sensitive
    material is selected from sodium aluminum fluoride, titanium oxide,
    bismuth oxychloride or lead carbonate.|
DE- <TITLE TERMS> SHEET; VALID; STICKER; VEHICLE; LICENCE; PLATE; RADIATE;
    SENSITIVE; MATERIAL; COATING; LAYER; IMAGE; FORMING; APPEAR; FLOAT;
    ABOVE; BELOW; SHEET|
DC- P81; V07|
IC- <MAIN> G02B-005/128; G02B-027/10|
MC- <EPI> V07-G10E|
FS- EPI; EngPI||

 17/4/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-443128/200247|
DX- <RELATED> 2002-479732|
XR- <XRPX> N02-349069|
TI- **Biometric** system for duress transaction detection for **ATM** ,
    initiates emergency response when collected electronic signature is
    determined to represent duress identification by executing stored
    instruction set|
PA- ZINGHER A R (ZING-I); ZINGHER J P (ZING-I)·|
AU- <INVENTORS> ZINGHER A R; ZINGHER J P|
NC- 096|
NP- 002|
PN- US 20020038818 A1 20020404 US 2000237584 A 20001003 200247 B
    <AN> US 2001927033 A 20010924|
PN- WO 200229741 A2 20020411 WO 2001US42023 A 20010906 200247|
AN- <LOCAL> US 2000237584 A 20001003; US 2001927033 A 20010924; WO
    2001US42023 A 20010906|
AN- <PR> US 2000237584 P 20001003; US 2001927033 A 20010924|
FD- US 20020038818 A1 G06F-007/08   Provisional application US 2000237584
FD- WO 200229741 A2 G07F-007/10
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
    CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
    KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU
    SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW|
LA- US 20020038818(16); WO 200229741(E)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ
    DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
    KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;

IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> US 20020038818 A1|
AB- <NV> NOVELTY - A **biometric** reader (18) collects the electronic
   signature for determining the authorization of user. The system
   initiates an emergency response when a processor determines that the
   signature represents the duress identification by executing an
   instruction set stored in a memory.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
   duress identification response method.
      USE - For duress transaction detection in **automatic   teller**
   machine (**ATM**) in bank and other financial institution, point-of-sales
   (POS) system for purchasing petrol, grocery and airline ticket and used
   at **biometric** identification site such as building security check
   point or entrance/ignition system of vehicle e.g. car for identifying
   and signaling user's duress through use of **biometric** identifier ·
   emergency (BIDE). Also used to generate or verify electronic signature
   such as **fingerprint** , DNA trace, voiceprint, speed, pressure and
   motion associated with pressing keys or writing to validate paperless
   transaction e.g. E-commerce or Internet transaction.
      ADVANTAGE - The use of identification cards and personal
   identification   number are eliminated. The system provides a simple
   and secure way of allowing the customer to alert the police that a
   crime is taking place, without alerting a criminal. The system can also
   give a general description of customer for the police thus avoiding a
   potential tragedy because of mistaken identity as well as giving the
   police and extra information in detecting the criminal.
      DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of
   ATM having **biometric** reader.
      Biometric reader (18)
      pp; 16 DwgNo 1/10|
DE- <TITLE TERMS> SYSTEM; TRANSACTION; DETECT; **ATM** ; INITIATE; EMERGENCY;
   RESPOND; COLLECT; ELECTRONIC; SIGNATURE; DETERMINE; REPRESENT; IDENTIFY
   ; EXECUTE; STORAGE; INSTRUCTION; SET|
DC- S05; T01; T05; W01; W05|
IC- <MAIN> G06F-007/08; G07F-007/10|
MC- <EPI> S05-D01C5A; T01-J10B2A; T01-N01A1; T01-N02B1B; T05-L03C5;
   W01-A05B; W01-A06F1; W05-B05|
FS- EPI||

   17/4/12   (Item 12 from file: 350)
   DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-413053/200244|
XR- <XRPX> N02-324539|
TI- Accessing data key actuated devices, involves comparing received key
   actuated device identifier with stored identifiers, and if matching
   identifiers are found, retrieving a corresponding access key.|
PA- MYTEC TECHNOLOGIES INC (MYTE-N)|
AU- <INVENTORS> HOLLINGSHEAD D|
NC- 001|
NP- 001|
PN- US 6353889   B1 20020305 US 9878396   A 19980513 200244 B|
AN- <LOCAL> US 9878396 A 19980513|
AN- <PR> US 9878396 A 19980513|
LA- US 6353889(6) |
AB- <PN> US 6353889 B1|
AB- <NV> NOVELTY - A **biometric** and a key actuated device identifier are
   received, after which the received **biometric** is determined whether it
   is authorized or not. The received identifier is compared with stored

identifiers and, if two identifier match and the received **biometric** is authorized, a stored access key associated with the matching identifiers is retrieved and subsequently transmitted.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
    (a) a portable electronic access device;
    (b) a secure access system
    USE - Accessing data key actuated devices e.g. **automated teller** machines.
    ADVANTAGE - The key access device can be carried around by an authorized user to gain access to a number of different key actuated devices without the user memorizing a number of pass codes since the device stores a **number** of key actuated **identifiers** and associated access keys.
    DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram in accessing data key actuated devices.
    pp; 6 DwgNo 2/2|
DE- <TITLE TERMS> ACCESS; DATA; KEY; ACTUATE; DEVICE; COMPARE; RECEIVE; KEY ; ACTUATE; DEVICE; IDENTIFY; STORAGE; IDENTIFY; MATCH; IDENTIFY; FOUND; RETRIEVAL; CORRESPOND; ACCESS; KEY|
DC- T01; T05; W01|
IC- <MAIN> H04L-009/00|
MC- <EPI> T01-D01; T05-L03; W01-A05A|
FS- EPI||

17/4/13   **(Item 13 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-381765/200241|
XR- <XRPX> N02-298762|
TI- **Biometric information** sensor **identification** method for computer used in business and education field, involves comparing encoded values received from sensor with predefined value for sensor identification|
PA- DUNN C S (DUNN-I)|
AU- <INVENTORS> DUNN C S|
NC- 001|
NP- 001|
PN- US 20020024419 A1 20020228 US 97838197   A 19970416 200241 B
    <AN> US 2001927236 A 20010813|
AN- <LOCAL> US 97838197 A 19970416; US 2001927236 A 20010813|
AN- <PR> US 2001927236 A 20010813; US 97838197 A 19970416|
FD- US 20020024419 A1 H04Q-001/00   CIP of application US 97838197|
LA- US 20020024419(19)|
AB- <PN> US 20020024419 A1|
AB- <NV> NOVELTY - The **biometric** information is provided to a **biometric** information sensor and some of the information are digitized to provide digital data. A value within the digital data is encoded and the digital data is transmitted to a computer along with the encoded value. The received encoded value is compared with predefined value based on which sensor is identified.|
AB- <BASIC> USE - For identifying **biometric** information sensor for computer used in business, financial, medical, education, government, and communication applications. Also for **automatic teller** machine, telephone banking, calling cards, telephone answering service, house etc., for providing security.
    ADVANTAGE - The authorized **biometric** information sensor and the **biometric** data provided from such a sensor are easily identified. The encoded values are disposed at intervals in order to interleave the value to reduce errors and enhance security.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the **biometric** **information** sensor **identification** method.
     pp; 19 DwgNo 2/11|
DE- <TITLE TERMS> INFORMATION; SENSE; IDENTIFY; METHOD; COMPUTER; BUSINESS; EDUCATION; FIELD; COMPARE; ENCODE; VALUE; RECEIVE; SENSE; PREDEFINED; VALUE; SENSE; IDENTIFY|
DC- S05; T01; T05; W01|
IC- <MAIN> H04Q-001/00|
IC- <ADDITIONAL> G08C-019/00|
MC- <EPI> S05-D01C5A; T01-N01A1; T05-D01B; T05-L03C5; W01-A05X|
FS- EPI||

17/4/14   (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2002-350890/200238|
XR- <XRPX> N02-275698|
TI- Electronic signature authentication verification method for digital record, involves comparing putative digital **fingerprint** with corresponding stored **fingerprint** number and registration certificate information| ·
PA- DISTRIBUTED TRUST MANAGEMENT INC (DIST-N)|
AU- <INVENTORS> KAPLAN J C|
NC- 096|
NP- 003|
PN- US 20020023220 A1 20020221 US 2000642072 A   20000818 200238 B
    <AN> US 2001932547 A   20010817|
PN- WO 200217539 A2 20020228 WO 2001US25922 A   20010817 200238
PN- AU 200188309 A   20020304 AU 200188309   A   20010817 200247|
AN- <LOCAL> US 2000642072 A 20000818; US 2001932547 A 20010817; WO 2001US25922 A 20010817; AU 200188309 A 20010817|
AN- <PR> US 2001932547 A 20010817; US 2000642072 A 20000818|
FD- US 20020023220 A1 H04L-009/30   CIP of application US 2000642072
FD- WO 200217539 A2 H04L-000/00
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- AU 200188309 A H04L-009/30   Based on patent WO 200217539|
LA- US 20020023220(44); WO 200217539(E)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> US 20020023220 A1|
AB- <NV> NOVELTY - A registration certificate (DFC) information representing an electronic signature in a cryptographic hash function (CHF) processed document and including **document** ID (DID) **number** , digital **fingerprint** (DFP) number and credential information (C), is stored. A putative digital **fingerprint** (DFP') of a putative document is verified by comparing corresponding stored DFP and DFC.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
        (a) User registrant identity authentication method;

(b) Electronic signature authenticity verification system;
(c) Storage medium storing electronic signature authenticity
verification program;
(d) Coupon dispenser
USE - For verifying authenticity of electronic signature in digital
records, to verify integrity and validity of the digital records using
web-enabled cellular telephone, PDA, **automated teller** machine (**ATM**
), **kiosk** , etc.
ADVANTAGE - Verifies time-based authentication of an original
document without jeopardizing contents of confidentiality of the
document . Provides distributed **information** system and protocol that
allows real-time registration of digitally encoded documents. Reduces
workload on user-registrant by providing document identification to
witness servers that verify the authenticity of the digital documents.
DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram
depicting the electronic signature authenticity verification method.
pp; 44 DwgNo 4/18|
DE- <TITLE TERMS> ELECTRONIC; SIGNATURE; AUTHENTICITY; VERIFICATION; METHOD
; DIGITAL; RECORD; COMPARE; DIGITAL; **FINGERPRINT** ; CORRESPOND; STORAGE
; **FINGERPRINT** ; NUMBER; REGISTER; CERTIFY; INFORMATION|
DC- S05; T01; T04; T05; W01|
IC- <MAIN> H04L-000/00; H04L-009/30|
MC- <EPI> S05-D01C5A; T01-D01; T01-S03; T04-D04; T05-D01B; W01-A05B|
FS- EPI||

17/4/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-317111/200236|
DX- <RELATED> 2002-317110; 2002-331710|
XR- <XRPX> N02-248256|
TI- Accessed web page review assistance method involves displaying
thumbnail snapshot of accessed web page to user in area of screen
containing only **history** information|
PA- NOKIA CORP (OYNO)|
AU- <INVENTORS> ASTALA A; DAVIDSSON M; WILLSTEDT C|
NC- 026|
NP- 001|
PN- EP 1168204   A2 20020102 EP 2001660134 A 20010702 200236 B|
AN- <LOCAL> EP 2001660134 A 20010702|
AN- <PR> US 2000708093 A 20001108; US 2000607276 A 20000630|
FD- EP 1168204   A2 G06F-017/30
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
MC MK NL PT RO SE SI TR|
LA- EP 1168204(E<PG> 17)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; TR|
AB- <PN> EP 1168204 A2|
AB- <NV> NOVELTY - A web page is accessed by an user and the size of the
web page is reduced to a **thumbnail** snapshot. The **thumbnail** snapshot
is displayed to the user in an area of the screen **containing** only
history information. |
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for computer program for presenting and managing a history of web pages
accessed.
USE - For presenting history of accessed web pages for assisting to
review web pages on mobile communication devices such as **WAP** enabled
mobile phones.
ADVANTAGE - The user is enabled to revisit the desired web pages by

viewing **thumbnail** snapshots. The most recent **thumbnail** snapshots accessed web sites are displayed for the user and are quickly selected for reviewing.
   DESCRIPTION OF DRAWING(S) - The figure shows the spatial storage of bookmarks and history on display with a toolbar.
      pp; 17 DwgNo 3A/6|
DE- <TITLE TERMS> ACCESS; WEB; PAGE; REVIEW; ASSIST; METHOD; DISPLAY; SNAPSHOT; ACCESS; WEB; PAGE; USER; AREA; SCREEN; CONTAIN; HISTORY; INFORMATION|
DC- T01; W01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J10C2; T01-N03A1; T01-S03; W01-C01D3C; W01-C01G6E|
FS- EPI||

 17/4/16   **(Item 16 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-255134/200230|
XR- <XRPX> N02-197205|
TI- Powerless electronic signature apparatus for remote banking service, controls **fingerprint** scanner, when power is supplied to USB port, for transmitting personal ID number to electronic signature service terminal|
PA- INTERNET SECURITY CORP (INTE-N); JE KAL M (KALM-I); KANG H (KANG-I); PARK H (PARK-I); SHIM Y (SHIM-I)|
AU- <INVENTORS> JE G M; KANG H J; PARK H S; SIM Y C; JE KAL M; KANG H; PARK H; SHIM Y|
NC- 002|
NP- 002|
PN- US 20010052541 A1 20011220 US 2001774659 A 20010201 200230 B| ·
PN- KR 2001077650 A 20010820 KR 20005587   A 20000207 200230|
AN- <LOCAL> US 2001774659 A 20010201; .KR 20005587 A 20000207|
AN- <PR> KR 20005587 A 20000207|
LA- US 20010052541(7) |
AB- <PN> US 20010052541 A1|
AB- <NV> NOVELTY - A non-volatile memory (10) stores electronic signature creating key and personal **identification** **number** of user. The stored data are transmitted to the electronic signature service terminal through universal serial bus (USB) communication port (20). A controller (50) controls **fingerprint** scanner (30) to create recognition finger code, when power is supplied to the port.|
AB- <BASIC> USE - For providing remote banking service such as home trading, cyber stock exchange, electronic commercial transaction, phone banking, personal computer banking, also for **fingerprint** recognition system in **automatic** **teller** machines used in banks using networks such as public telephone network, ISDN, Internet.
   ADVANTAGE - Since personal **identification** **number** is provided to user, the reliability in confirming the identity of user is improved and the durability of apparatus is increased.
   DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of powerless electronic signature apparatus.
      Non-volatile memory (10)
      USB communication port (20)
       Fingerprint scanner (30)
      Controller (50)
      pp; 7 DwgNo 1/3|
DE- <TITLE TERMS> ELECTRONIC; SIGNATURE; APPARATUS; REMOTE; BANK; SERVICE; CONTROL; **FINGERPRINT** ; SCAN; POWER; SUPPLY; PORT; TRANSMIT; PERSON; ID ; NUMBER; ELECTRONIC; SIGNATURE; SERVICE; TERMINAL|

DC- S05; T01; T04|
IC- <MAIN> G06F-017/60; G06K-009/00|
MC- <EPI> S05-D01C5A; T01-C10; T01-J10B2A; T01-N02B1B; T04-D04|
FS- EPI||

17/4/17   (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-130486/200217|
DX- <RELATED> 2001-257387|
XR- <XRPX> N02-098447|
TI- Individual identification method for financial transaction through
    Internet, involves comparing decrypted **fingerprint** data read from
    card and read encrypted **fingerprint** **data** , for **identification** of
    person|
PA- GROSVENOR LEISURE INC (GROS-N) |
AU- <INVENTORS> TAYLOR B J|
NC- 094|
NP- 002|
PN- WO 200190962 A1 20011129 WO 2001AU453   A 20010419 200217 B|
PN- AU 200155978 A 20011203 AU 200155978   A 20010419 200221|
AN- <LOCAL> WO 2001AU453 A 20010419; AU 200155978 A 20010419|
AN- <PR> AU 20007029 A 20000420|
FD- WO 200190962 A1 G06F-017/60
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
    CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
    KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
    SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- AU 200155978 A G06F-017/60   Based on patent WO 200190962|
LA- WO 200190962(E<PG> 25) |
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
    DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
    SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TR; TZ; UG; ZW|
AB- <PN> WO 200190962 A1|
AB- <NV> NOVELTY - The encrypted **fingerprint** data read from a card (4) is
    decrypted and then compared with the read **fingerprint** data. When both
    the data are identical, the person identification is deemed positive.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
    the following:
        (a) Individual identification device;
        (b) Data transfer secure method;
        (c) Data transfer terminal
        USE - For purchasing of goods or services over a visual medium such
    as television, Internet, for use in electronic funds transfer at
    point-of-sale (EFTPOS) system, **automatic** **teller** machine (**ATM**).
        ADVANTAGE - Verification of identity of a person is done without
    accessing a remote database, quickly. Eliminates fraudulent use of
    debit or credit card. Prevents card fraud or other false identification
    with a high level of security, ease of use and application.
        DESCRIPTION OF DRAWING(S) - The figure shows the terminal used for
    financial transaction.
        Card (4)
        pp; 25 DwgNo 1/2|
DE- <TITLE TERMS> INDIVIDUAL; IDENTIFY; METHOD; FINANCIAL; TRANSACTION;

THROUGH; COMPARE; **FINGERPRINT** ; DATA; READ; CARD; READ; ENCRYPTION; **FINGERPRINT** ; DATA; IDENTIFY; PERSON|
DC- S05; T01; T04; T05; W01|
IC- <MAIN> G06F-017/60|
IC- <ADDITIONAL> G06F-012/14; G07F-019/00|
MC- <EPI> S05-D01C5A; T01-D01; T01-H01C1; T01-N01A1; T01-N02B1B; T04-K01; T05-D01B; T05-H02C3; T05-H02C5C; W01-A05A|
FS- EPI| |

17/4/18   (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-107688/200215|
XR- <XRPX> N02-080166|
TI- Personal display system for **automated** bank **teller** machine, has ocular scan unit to generate **identification** **data** based on determined attribute of user **eye** from reflected light|
PA- AGILENT TECHNOLOGIES INC (AGIL-N)|
AU- <INVENTORS> BRONSON B; HELBING R P; MERTZ P; NISHIMURA K A; WALKER R C|
NC- 027|
NP- 002|
PN- EP 1132870   A2 20010912 EP 2001101387 A 20010122 200215 B|
PN- JP 2001266135 A   20010928 JP 200160448   A   20010305 200215|
AN- <LOCAL> EP 2001101387 A 20010122; JP 200160448 A 20010305|
AN- <PR> US 2000519712 A 20000307|
FD- EP 1132870   A2 G07C-009/00
    <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR|
LA- EP 1132870(E<PG> 8); JP 2001266135(6) |
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; TR|
AB- <PN> EP 1132870 A2|
AB- <NV> NOVELTY - The personal display comprises a headset (10), display surface (20) and an ocular scan unit. The ocular scan unit determines attribute of an user **eye** from reflected light and generates corresponding user **identification** **data** . |
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for **identification** **data** provision method.
    USE - Personal display system used in computer system for **automated** bank **teller** machine (**ATM**) and also in applications e.g. auto or aircraft maintenance field, in surgical or medical environments etc.
    ADVANTAGE - Allows the user to provide necessary **identification** **information** to the connected system which includes security access devices, real-world simulation device or augmented imagery generation device.
    DESCRIPTION OF DRAWING(S) - The figure shows the personal display system.
        Headset (10)
        Display surface (20)
        pp; 8 DwgNo 1/6|
DE- <TITLE TERMS> PERSON; DISPLAY; SYSTEM; AUTOMATIC; BANK; TELLER; MACHINE ; OCULAR; SCAN; UNIT; GENERATE; IDENTIFY; DATA; BASED; DETERMINE; ATTRIBUTE; USER; **EYE** ; REFLECT; LIGHT|
DC- S05; T01; T04; T05|
IC- <MAIN> G06T-001/00; G07C-009/00|
MC- <EPI> S05-D01C5A; T01-C04D; T01-J10B2; T04-D02; T05-D01B; T05-L03|
FS- EPI| |

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17/4/19   (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-022576/200203|
XR- <XRPX> N02-017947|
TI- **Fingerprint** authentication system has access approval unit that is
     provided in host computer to enable access if received data from
     portable information apparatus conform to registered data in memory|
PA- NEC SHIZUOKA LTD (NIDE)|
NC- 001|
NP- 001|
PN- JP 2001290778 A 20011019 JP 2000103707 A 20000405 200203 B|
AN- <LOCAL> JP 2000103707 A 20000405|
AN- <PR> JP 2000103707 A 20000405|
LA- JP 2001290778(7)|
AB- <PN> JP 2001290778 A|
AB- <NV> NOVELTY - A portable information apparatus (10) has a transmitter
     (14) that sends out **fingerprint** data input by a **fingerprint** sensor
     (12). A host computer (20) has a receiver (24) that receives the
     transmitted data, and an access approval unit (28) that enables access
     to the host computer when a comparator (26) determines that the
     received data conform to **fingerprint** data registered in a memory
     (24).|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
     for a recording medium storing a **fingerprint** authentication program.
        USE - For e.g. **mobile** telephone, electronic **commerce** .
        ADVANTAGE - Eases management of registration of user, deletion and
     right to access. Eliminates need to provide **fingerprint** data
     comparator in portable information apparatus. Improves security level
     since access to host computer is prevented if all code **numbers** ,
     identification **numbers** and **fingerprints** are not in accord.
        DESCRIPTION OF DRAWING(S) - The figure is the block diagram of the
     fingerprint authentication system. (Drawing includes non-English
     language text).
        Portable information apparatus (10)
         Fingerprint sensor (12)
        Transmitter (14)
        Host computer (20)
        Memory (24)
        Receiver (24)
        Comparator (26)
        Access approval unit (28)
        pp; 7 DwgNo 1/4|
DE- <TITLE TERMS> **FINGERPRINT** ; AUTHENTICITY; SYSTEM; ACCESS; APPROVE;
     UNIT; HOST; COMPUTER; ENABLE; ACCESS; RECEIVE; DATA; PORTABLE;
     INFORMATION; APPARATUS; CONFORM; REGISTER; DATA; MEMORY|
DC- T01; W01|
IC- <MAIN> G06F-015/00|
IC- <ADDITIONAL> G06F-001/00; H04L-009/32; H04M-001/67; H04Q-007/38|
MC- <EPI> T01-J; T01-X; W01-A05B; W01-B05A; W01-C01B5|
FS- EPI||

17/4/20   (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2002-020247/200203|

XR- <XRPX> N02-015838|
TI- **Identification** **data** production method for use in accessing
   automatic **payment** **machine** , involves compressing digitized **image**
   data corresponding to **fingerprint** of an individual, and generating
   desired digital data|
PA- KYOWA DENSHI KOGYO KK (KYOW-N)|
NC- 001|
NP- 002|
PN- JP 2001052178 A   20010223 JP 99227368   A 19990811 200203 B|
PN- JP 3364886   B2 20030108 JP 99227368   A 19990811 200306|
AN- <LOCAL> JP 99227368 A 19990811; JP 99227368 A 19990811|
AN- <PR> JP 99227368 A 19990811|
FD- JP 3364886   B2 G06T-007/00   Previous Publ. patent JP 2001052178|
LA- JP 2001052178(15); JP 3364886(14)|
AB- <PN> JP 2001052178 A|
AB- <NV> NOVELTY - Different images (D1,D2) are produced relative to
   physical characteristics like **fingerprint** peculiar to an individual,
   and digitized using a preset threshold value. The **image** **data** are
   combined into single image (D3) by performing preset logical operation.
   The area ratio and overlapping direction of **image** **data** are defined.
   The combined **image** **data** is compressed and desired digital data
   (Dp1) is generated.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
   the following:
        (a) **Identification** **data** production apparatus;
        (b) **Identification** **data** comparison system;
        (c) **Identification** **data** comparison method
      USE - For producing **identification** **data** for use in accessing
   automatic **payment** **machine** installed in bank.
      ADVANTAGE - The individual can be confirmed easily at less cost, by
   processing the **fingerprint** data, hence unauthorized access by third
   person is prevented.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   identification comparison system. (Drawing includes non-English
   language text).
      Images (D1-D3)
      Desired digital data (Dp1)
      pp; 15 DwgNo 1/13|
DE- <TITLE TERMS> IDENTIFY; DATA; PRODUCE; METHOD; ACCESS; AUTOMATIC; PAY;
   MACHINE; COMPRESS; DIGITAL; IMAGE; DATA; CORRESPOND; **FINGERPRINT** ;
   INDIVIDUAL; GENERATE; DIGITAL; DATA|
DC- P86; T01; T04; T05|
IC- <MAIN> G06T-007/00|
IC- <ADDITIONAL> G10L-017/00; H04L-009/32|
MC- <EPI> T01-J10B2; T01-J10C7; T04-D04; T05-D01B; T05-L03C5|
FS- EPI; EngPI||

   17/4/21   (Item 21 from file: 350)
   DIALOG(R)File 350:Derwent WPIX
   (c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-625730/200172|
DX- <RELATED> 2002-479063|
XR- <XRAM> C01-186386|
XR- <XRPX> N01-466430|
TI- Sheeting used for securing tamperproof images in passports, comprises
   composite image, provided by individual images, that appears to unaided
    eye to be floating above or below sheeting|
PA- 3M INNOVATIVE PROPERTIES CO (MINN); 3M INNOVATIVE PROPERTIES (MINN)
   |

AU- <INVENTORS> FLORCZAK J M; KRASA R T; MAKI S P; OSGOOD R M|
NC- 094|
NP- 006|
PN- WO 200163341 A1 20010830 WO 2000US16954 A 20000620 200172 B|
PN- US 6288842   B1 20010911 US 2000510428 A 20000222 200172
PN- AU 200056271 A 20010903 AU 200056271 A 20000620 200202
PN- BR 200017132 A 20021105 BR 200017132 A 20000620 200279
    <AN> WO 2000US16954 A 20000620
PN- EP 1259851   A1 20021127 EP 2000941580 A 20000620 200302
    <AN> WO 2000US16954 A 20000620
PN- SK 200201217 A3 20030109 WO 2000US16954 A 20000620 200309
    <AN> SK 20021217   A 20000620|
AN- <LOCAL> WO 2000US16954 A 20000620; US 2000510428 A 20000222; AU
    200056271 A 20000620; BR 200017132 A 20000620; WO 2000US16954 A
    20000620; EP 2000941580 A 20000620; WO 2000US16954 A 20000620; WO
    2000US16954 A 20000620; SK 20021217 A 20000620|
AN- <PR> US 2000510428 A 20000222|
FD- WO 200163341 A1 G02B-027/22
    <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ
    DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
    LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
    SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200056271 A G02B-027/22   Based on patent WO 200163341
FD- BR 200017132 A G02B-027/22   Based on patent WO 200163341
FD- EP 1259851   A1 G02B-027/22   Based on patent WO 200163341
    <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
    MC MK NL PT RO SE SI
FD- SK 200201217 A3 G02B-027/22   Based on patent WO 200163341|
LA- WO 200163341(E<PG> 50); EP 1259851(E)|
DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
    DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK
    SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW; AL;
    LI; LT; LV; MK; RO; SI|
AB- <PN> WO 200163341 A1|
AB- <NV> NOVELTY - A sheeting (106) comprises microlenses layer; layer of
    material disposed adjacent the first side of the microlenses layer; a
    partially complete image formed in the material associated with
    microlenses (111), where the image contrasts with the material; and
    composite image, provided by the individual images, that appears to the
    unaided **eye** to be floating above or below the sheeting.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
    for a method of forming a composite image on a microlens sheeting
    comprising providing a sheeting having an array of microlenses and
    radiation sensitive material layer adjacent one side of the microlenses
    layer; providing a radiation source; and forming at least a partially
    complete image in the radiation sensitive material associated with each
    of the microlenses using the radiation source. The sheeting exhibits a
    composite image provided by the individual images that appears to the
    unaided **eye** to float above or below the sheeting.
       USE - The sheeting is used to display information for advertising
    (claimed). It is used for securing tamperproof images in passports,
    identification badges, event passes, affinity cards, product
    identification formats and advertising promotions for verification and
    authenticity, brand enhancement images which provides floating and/or
    sinking image of the brand, identification presentation images in
    graphics application, e.g., emblems for police, fire or other emergency
    vehicles; **information** presentation **images** in graphics applications,

e.g., **kiosks** , night signs and automotive dashboard displays; and novelty enhancement through the use of composite images on products, e.g., business cards, hang-tags, art, shoes, and bottled products.

ADVANTAGE - The invention provides a microlens sheeting having composite image that appears to be suspended above or below the sheeting. The suspended images referred as floating images can be located above or below the sheeting, or can be a three-dimensional image that appears above the plane and below the sheeting. The imaged sheeting cannot be used to create a replica of itself. The floating images can be observed by a viewer with the unaided **eye** .

DESCRIPTION OF DRAWING(S) - The figure shows a geometrical representation of the formation of composite image that appears to float above the sheeting.

Sheeting (106)
Microlenses (111)
pp; 50 DwgNo 8/16|

AB- <TF> TECHNOLOGY FOCUS - INORGANIC CHEMISTRY - Preferred Materials: The radiation sensitive material is a metallic radiation sensitive material from aluminum (Al), silver, copper (Cu), gold, titanium, zinc, tin (Sn), chromium (Cr), vanadium, or alloys of these metals. It is a nonmetallic material from zinc sulfide, zinc selenide, silicon dioxide, indium tin oxide, zinc oxide, magnesium fluoride, or silicon. It is also a radiation sensitive metallic oxide compound from oxide compounds from aluminum, iron, copper, tin, or chromium.

ORGANIC CHEMISTRY - Preferred Material: The material is thermochromic radiation sensitive material is selected from copper carbonate, copper nitrate with thiourea, copper carbonate with sulfur containing compounds of thiols, thioethers, sulfoxides and sulfones, hydrated sulfates, nitrides of boron, aluminum, or bismuth.

IMAGING AND COMMUNICATION - Preferred Components: The composite image is perceptible across a viewing angle of less than 100degrees. It appears to move relative to the sheeting as the viewing position changes relative to the sheeting. The radiation source provides radiation with a wavelength of 200-11 mum.|

DE- <TITLE TERMS> SHEET; SECURE; TAMPER; IMAGE; PASSPORT; COMPRISE; COMPOSITE; IMAGE; INDIVIDUAL; IMAGE; APPEAR; UNAIDED; **EYE** ; FLOAT; ABOVE; BELOW; SHEET|

DC- L03; P81; V07; W05|

IC- <MAIN> G02B-027/10; G02B-027/22|

IC- <ADDITIONAL> G02B-005/128|

MC- <CPI> L03-G05|

MC- <EPI> V07-F02C; W05-E03; W05-E05C|

FS- CPI; EPI; EngPI||

17/4/22   **(Item 22 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-619493/200172|
DX- <RELATED> 2002-390284; 2002-578601|
XR- <XRPX> N01-462028|
TI- Individual authentication system for automatic **payment machine** in bank, has two comparators to judge whether input authentication data of individual are in accord with stored code and stored ID data, respectively|
PA- OCHIAI N (OCHI-I); OCHIAI Y (OCHI-I)|
AU- <INVENTORS> OCHIAI N|
NC- 005|
NP- 004|
PN- JP 2001067322 A 20010316 JP 200032134   A 20000209 200172 B|

March 18, 2003 21 15:13

PN- WO 200159580 A1 20010816 WO 2001JP931   A 20010209 200172
PN- EP 1276054   A1 20030115 EP 2001902824 A 20010209 200306
    <AN> WO 2001JP931   A 20010209
PN- US 20030011758 A1 20030116 WO 2001JP931   A 20010209 200308
    <AN> US 2002203379 A 2002080｜
AN- <LOCAL> JP 200032134 A 20000209; WO 2001JP931 A 20010209; EP 2001902824
    A 20010209; WO 2001JP931 A 20010209; WO 2001JP931 A 20010209; US
    2002203379 A 2002080｜
AN- <PR> JP 99174364 A 19990621｜
FD- WO 200159580 A1 G06F-015/00
    <DS> (National): US
    <DS> (Regional): DE FR GB
FD- EP 1276054   A1 G06F-015/00   Based on patent WO 200159580
    <DS> (Regional): DE FR GB｜
LA- JP 2001067322(11); WO 200159580(J); EP 1276054(E)｜
DS- <NATIONAL> US｜
DS- <REGIONAL> DE; FR; GB｜
AB- <PN> JP 2001067322 A｜
AB- <NV> NOVELTY - Identification such as **fingerprint** of an individual is
    stored in discriminative information memory (18). Code corresponding to
    an application is stored in a code memory (16). A comparator (24)
    judges whether input authentication data is in accord with the stored
    code. Another comparator (26) judges whether the received
    authentication data is in accord with the stored **identification**   **data**
    . ｜
AB- <BASIC> DETAILED DESCRIPTION - **Identification**   **data** which
    identifies an individual is recorded for every application.
    Authentication **data** corresponding to the **identification** **data** is
    input through scanner (28) and keyboard (29).
        USE - For automatic **payment**   **machine** used in bank.
        ADVANTAGE - Individual information such as medical treatment, loan
    information can be retrieved effectively, by judging the authentication
    of the individual for every application.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    individual authentication system. (Drawing includes non-English
    language text).
        Code memory (16)
        Discriminative information memory (18)
        Comparators (24,26)
        Scanner (28)
        pp; 11 DwgNo 1/14｜
DE- <TITLE TERMS> INDIVIDUAL; AUTHENTICITY; SYSTEM; AUTOMATIC; PAY; MACHINE
    ; BANK; TWO; COMPARATOR; JUDGEMENT; INPUT; AUTHENTICITY; DATA;
    INDIVIDUAL; ACCORD; STORAGE; CODE; STORAGE; ID; DATA; RESPECTIVE｜
DC- P31; T01; T04; T05｜
IC- <MAIN> G06F-015/00; G06K-009/00｜
IC- <ADDITIONAL> A61B-005/117; G06K-017/00; G06K-019/10; G06T-007/00｜
MC- <EPI> T01-J05A1; T01-J10B2; T04-D04; T05-J｜
FS- EPI; EngPI｜｜

 17/4/23   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-601414/200168｜
DX- <RELATED> 1999-312371; 2000-061019｜
XR- <XRPX> N01-448625｜
TI- Secure data entry system for entering e.g. personal **identification**
    numbers , uses virtual keypad linked to optical gaze-tracking mechanism
    and user selection switch｜

AN- <LOCAL> JP 200044223 A 20000222|
AN- <PR> JP 200044223 A 20000222|
LA- JP 2001236137(9)|
AB- <PN> JP 2001236137 A|
AB- <NV> NOVELTY - The **eye** (101) and mouth (102) of head (103) of animal like robot (100) are driven by respective drive units. The processor (200) is guided based on data received through the interface. The audio is output through the speaker during movements.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
    (a) Information processor; and
    (b) Information processor with guide robot
    USE - For information processing system such as **ATM** .
    ADVANTAGE - Improves utilization factor of processor by exciting attention and interest by guide robot. Improves customer collection by making robot to output audio during movement. Enables usage of robot as pet and toy in entrance of enterprise. Improves charm of robot by displaying image as well as character and output of **audio** **data** .
    DESCRIPTION OF DRAWING(S) - The figure shows front view of information processing system. (Drawing includes non-English language text).
    Robot (100)
    Eye (101)
    Mouth (102)
    Head (103)
    Processor (200)
    pp; 9 DwgNo 1/11|
DE- <TITLE TERMS> GUIDE; ROBOT; INFORMATION; PROCESS; SYSTEM; **ATM** ; MOVE; DIMENSION; ANIMAL; SHAPE; RECEIVE; COMMAND; PROCESSOR; EMIT; MUSIC; MOVEMENT|
DC- P36; T01|
IC- <MAIN> G06F-001/16|
IC- <ADDITIONAL> A63H-003/33; G06F-001/00; G06F-003/00; G06F-003/16|
MC- <EPI> T01-C; T01-C08; T01-L; T01-X|
FS- EPI; EngPI||

   17/4/25   **(Item 25 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

AA- 2001-489041/200153|
XR- <XRPX> N01-361809|
TI- Method of allowing employees to obtain pay and advances of pay by allowing employees to access the employer's payroll and request and obtain payment|
PA- VASIC S P (VASI-I)|
AU- <INVENTORS> VASIC S P|
NC- 095|
NP- 004|
PN- WO 200159663 A1 20010816 WO 2001US40082 A 20010213 200153 B|
PN- US 20010034676 A1 20011025 US 2000182420 P 20000214 200170
   <AN> US 2001782756 A 20010213
PN- AU 200149981 A 20010820 AU 200149981 A 20010213 200175
PN- EP 1200923 A1 20020502 EP 2001923272 A 20010213 200236
   <AN> WO 2001US40082 A 20010213|
AN- <LOCAL> WO 2001US40082 A 20010213; US 2000182420 P 20000214; US 2001782756 A 20010213; AU 200149981 A 20010213; EP 2001923272 A 20010213; WO 2001US40082 A 20010213|
AN- <PR> US 2001782756 A 20010213; US 2000182420 P 20000214|
FD- WO 200159663 A1 G06F-017/60
   <DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
   \<DS\> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
FD- US 20010034676 A1 G06F-017/60   Provisional application US 2000182420
FD- AU 200149981 A G06F-017/60   Based on patent WO 200159663
FD- EP 1200923   A1 G06F-017/60   Based on patent WO 200159663
   \<DS\> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
MC MK NL PT RO SE SI TR|
LA- WO 200159663(E\<PG\> 35); EP 1200923(E)|
DS- \<NATIONAL\> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- \<REGIONAL\> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LT; LU; LV; MC; MK; NL; PT; RO; SE; SI; TR; EA; GH; GM; KE; LS; MW; MZ;
OA; SD; SL; SZ; TZ; UG; ZW|
AB- \<PN\> WO 200159663 A1|
AB- \<NV\> NOVELTY - Employees can use an **automatic teller** machine to
request and obtain advances against their pay for a given period.
Requests may be transmitted over the Internet or by e-mail or by fax or
by telephone. The requesting employee provides their name and verifies
the request using information such as a personal **identification
number , biometric information** , and electronic key, a signature or
a photo identity.|
AB- \<BASIC\> USE - Payroll access.
   ADVANTAGE - Provides a more flexible payment system where pay is
requested and received when required, in advance if necessary
   pp; 35 DwgNo 0/6|
DE- \<TITLE TERMS\> METHOD; ALLOW; EMPLOY; OBTAIN; PAY; ADVANCE; PAY; ALLOW;
EMPLOY; ACCESS; REQUEST; OBTAIN; PAY|
DC- T01|
IC- \<MAIN\> G06F-017/60|
MC- \<EPI\> T01-J05A|
FS- EPI||

17/4/26   (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-473135/200151|
TI- Method for using **internet mobile** device as substitute for credit
card, and **payment** method for the same|
PA- PARK J I (PARK-I)|
AU- \<INVENTORS\> PARK J I|
NC- 001|
NP- 001|
PN- KR 2001008131 A 20010205 KR 200066788   A 20001110 200151 B|
AN- \<LOCAL\> KR 200066788 A 20001110|
AN- \<PR\> KR 200058948 A 20001006; KR 200043495 A 20000727|
LA- KR 2001008131(1)|
AB- \<PN\> KR 2001008131 A|
AB- \<NV\> NOVELTY - A method for using **internet mobile** device as
substitute for credit card, and **payment** method for the same is
provided to securely transmit a personal **credit data** via a personal
information terminal, and solve an inconvenience caused by the credit
card.|
AB- \<BASIC\> DETAILED DESCRIPTION - A method for using **internet mobile**
device as substitute for credit card, and **payment** method for the same

comprises steps of a user accessing an authority server via the mobile devices, for example, a handheld phone, a smart phone or a PDA(S20), selecting an icon of a card company over a displayed web page(S22), accessing a server of the card company by clicking a corresponding icon(S24), displaying a window for inputting settlement data(S26), inputting a settlement money amount, an ID registered in advance, a search key or a **credit** card **number** (S28, S30), clicking a **fingerprint** input button(S32), inputting a **fingerprint** on a **fingerprint** sense window(S34), receiving an approval data from the card company server(S36) and printing the approval result data(S38).

     pp; 1 DwgNo 1/10|

DE- <TITLE TERMS> METHOD; MOBILE; DEVICE; SUBSTITUTE; CREDIT; CARD; PAY; METHOD|

DC- T01|

IC- <MAIN> G06F-017/60|

MC- <EPI> T01-J05A|

FS- EPI||

17/4/27   (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*

AA- 2001-449929/200148|

DX- <RELATED> 2000-422443|

XR- <XRPX> N01-332981|

TI- Surface defect removal apparatus for image scanning, generates corrected visible image by subtracting product of infrared light image and gain which varies with brightness of pixel **data** , from the visible **image** |

PA- APPLIED SCI FICTION INC (SCFI-N)|

AU- <INVENTORS> EDGAR A D|

NC- 001|

NP- 001|

PN- US 6195161   B1 20010227 US 9876494   A 19980302 200148 B
   <AN> US 99256120   A 19990224
   <AN> US 2000506889 A 20000218|

AN- <LOCAL> US 9876494 A 19980302; US 99256120 A 19990224; US 2000506889 A 20000218|

AN- <PR> US 9876494 P 19980302; US 99256120 A 19990224; US 2000506889 A 20000218|

FD- US 6195161   B1 G01N-021/00   Provisional application US 9876494
             Cont of application US 99256120
             Cont of patent US 6075590|

LA- US 6195161(17)|

AB- <PN> US 6195161 B1|

AB- <NV> NOVELTY - The apparatus has computing device to generate visible and infrared light images of the print. The infrared light image is processed by multiplying infrared pixel data by gain which varies with the brightness of image at each pixel. The multiplied infrared image is removed from the visible light image to generate a corrected visible image.|

AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for processed scan image creation method.
    USE - Used for scanning photographic prints in publicly accessible **kiosks** , small office environments, homes, schools, etc., without defects such as scratch, **fingerprints** or dust.
    ADVANTAGE - Enables automatic removal of defects without requiring non-linear logarithmic space.
    DESCRIPTION OF DRAWING(S) - The figure shows the surface defect removing method.

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200068868 A1|
AB- <NV> NOVELTY - The rectangular wallet size card has planar surface extending from end to end and another facially opposed planar surface. A non- **visually** readable annular **data** region and linear data region provided on the planar surface are formed by optical tracks and magnetic strips.|
AB- <BASIC> DETAILED DESCRIPTION - The card (10) has a hub (30) of specific dimension to enable installation and use in CD or DVD drive. The circular cutout portion of card has diameter as 1/2-5/8. The cutout portion is formed on center point of the card. The annular data region (22) formed by the optical track is formed at bottom side of the card. The linear data region formed by magnetic strip (40) is formed at surface side of the card. An INDEPENDENT CLAIM is also included for hybrid card manufacturing method.
    USE - For e.g. hybrid dual media card for storage of ID data, binary files.
    ADVANTAGE - Facilitates effective usage of card in standard magnetic card readers in **ATM** , credit card reader, and security entry control device by including linear data region having magnetic strips. Facilitates usage of card in standard tray loading CD or DVD drive by formation of annular data region by optical tracks. Improves data storage capacity by combined use of magnetic strip and CD/DVD optical surface. Facilitates efficient access of ID data from card through magnetic strip in theater. Enables storage of data such as voice, signature ID data and **eye** retina pattern in card.
    DESCRIPTION OF DRAWING(S) - The figure shows top view of card.
    Card (10)
    Annular data region (22)
    Hub (30)
    Magnetic strip (40)
    pp; 19 DwgNo 1/2|
DE- <TITLE TERMS> HYBRID; DUAL; MEDIUM; DATA; STORAGE; CARD; NON; VISUAL; READ; LINEAR; DATA; REGION; FORMING; MAGNETIC; STRIP; ANNULAR; DATA; REGION; FORMING; OPTICAL; TRACK|
DC- S05; T01; T03; T04; T05; W04|
IC- <MAIN> G06K-007/00|
IC- <ADDITIONAL> G06K-019/00; G11B-013/00|
MC- <EPI> S05-D01C5A; T01-C08A; T03-D; T03-H01A6B; T04-C02; T04-D07C; T05-D01B; T05-H02C5A; T05-H02C5B; W04-V01|
FS- EPI||

 17/4/30   **(Item 30 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-328440/200134|
XR- <XRPX> N01-236355|
TI- System for managing social program or benefits **data** using secure **biometric** **identification** comparison for access to document|
PA- BEECHAM J E (BEEC-I)|
AU- <INVENTORS> BEECHAM J E|
NC- 094|
NP- 002|
PN- WO 200127716 A2 20010419 WO 2000US27848 A 20001006 200134 B|
PN- AU 200080028 A 20010423 AU 200080028 A 20001006 200147|
AN- <LOCAL> WO 2000US27848 A 20001006; AU 200080028 A 20001006|
AN- <PR> US 99158486 P 19991008|
FD- WO 200127716 A2 G06F-000/00

<DS> (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

FD- AU 200080028 A G06F-000/00   Based on patent WO 200127716|

LA- WO 200127716(E<PG> 19)|

DS- <NATIONAL> AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
IT; KE; LS; LU; MC; MW; MZ; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|

AB- <PN> WO 200127716 A2|

AB- <NV> NOVELTY - System comprises a client at a remote **kiosk** with
electronic (publicly accessible web site) access to an electronic
benefits document and an electronic report of reference **biometric**
data. A search architecture responds to client inputs to access the
reference **biometric** data, compare it with collected **biometric** data
and enable access to the electronic **document** if the **data** matches.|

AB- <BASIC> DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a data
management and control method.
    USE - System is for social program or benefits data provided by
private or government entities
    ADVANTAGE - System prevents criminal infiltration and inaccuracy.
    DESCRIPTION OF DRAWING(S) - The figure shows clients connected to
the network.
    pp; 19 DwgNo 1/4|

DE- <TITLE TERMS> SYSTEM; MANAGE; SOCIAL; PROGRAM; BENEFICIAL; DATA; SECURE
; IDENTIFY; COMPARE; ACCESS; DOCUMENT|

DC- S05; T01|

IC- <MAIN> G06F-000/00|

MC- <EPI> S05-D01C5A; S05-G02G; T01-H07C5E; T01-J05B3; T01-J05B4P|

FS- EPI||

17/4/31   (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*

AA- 2001-326738/200134|

XR- <XRPX> N01-234862|

TI- **Biometric** data capture for computer system security access, by using
input mouse with incorporated user activity event optical sensor,
·**fingerprint** acquisition device and **biometric** sensor|

PA- LAMBERT F (LAMB-I)|

AU- <INVENTORS> LAMBERT F|

NC- 001|

NP- 001|

PN- US 6193153   B1 20010227 US 9742001   A 19970416 200134 B
    <AN> US 9859733   A 19980413|

AN- <LOCAL> US 9742001 A 19970416; US 9859733 A 19980413|

AN- <PR> US 9742001 P 19970416; US 9859733 A 19980413|

FD- US 6193153   B1 G06K-005/00   Provisional application US 9742001|

LA- US 6193153(16)|

AB- <PN> US 6193153 B1|

AB- <NV> NOVELTY - Computer mouse for providing a computer system with user
input and **biometric** data has an event sensing device including a
optical sensor for detecting light signals produced by user mouse
activity and for converting the user input into a first data stream.|

AB- <BASIC> DETAILED DESCRIPTION - **Biometric** data is acquired at the same as the event sensing device by a **fingerprint** acquisition device including a **biometric** sensor for determining the **biometric** characteristics of the user and is converted into a second data stream. The processor receives the first and second data streams and reversibly encodes them into a third data stream which is provided to the computer system.
INDEPENDENT CLAIMS are also included for the following:
(1) A method for providing a computer system with user input and **biometric** data.
(2) A computer system.
(3) A method for a computer system to monitor a user with a user computer system coupled input device during the user session.
USE - Security access to, for example, **automatic teller** machines (ATMs) transactions, credit card charges, smart cards, home and industrial security monitoring systems, computer data and applications in networks and Internet access etc.
ADVANTAGE - Provides an apparatus for capturing of **biometric data** e.g. **identification** security access **data** where user physical attributes are detected, such as **finger prints**, palm prints, voice prints, retinal patterns, facial orientations and body temperature etc. Also the determination of the users identity is non intrusive, where the users identity is detected during normal operation of the device, for example, a keyboard, a mouse, a camera, or a microphone. The input device function requires little unusual action and reduces the users interruption to normal activity.
DESCRIPTION OF DRAWING(S) - Simplified block diagram of the security **biometric** sensing computer system network.
pp; 16 DwgNo 1/7|
DE- <TITLE TERMS> DATA; CAPTURE; COMPUTER; SYSTEM; SECURE; ACCESS; INPUT; MOUSE; INCORPORATE; USER; ACTIVE; EVENT; OPTICAL; SENSE; **FINGERPRINT** ; ACQUIRE; DEVICE; SENSE|
DC- S05; T01; T04; T05; W01|
IC- <MAIN> G06K-005/00|
MC- <EPI> S05-D01C5A; T01-C02A1; T01-C02B1A; T01-E01C; T01-H07C5; T01-J10B2 ; T01-J12C; T04-B; T05-D01B; W01-A06B5B|
FS- EPI| |

17/4/32   (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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AA- 2001-326381/200134|
XR- <XRPX> N01-234570|
TI- Using telephone ring tones to indicate location of calling party|
PA- ERICSSON INC (TELF); IRVIN D (IRVI-I)|
NC- 001|
NP- 001|
PN- RD 439036   A 20001110 RD 2000439036 A 20001020 200134 B|
AN- <LOCAL> RD 2000439036 A 20001020|
AN- <PR> RD 2000439036 A 20001020|
AB- <PN> RD 439036 A|
AB- <NV> NOVELTY - Many land-line and cellular telephone users enjoy programming their phones to ring with a distinct pattern. For example, a user may program his or her phone to play a favorite melody when an incoming call arrives. Some cellular telephone makers provide users with a library of pre-defined ringing tones corresponding to many popular and traditional songs. These ringing tones may be downloaded from the Internet using a protocol such as Wireless Access Protocol (**WAP**). Disclosed here is a telephone, either fixed or mobile, that includes caller-ID capability, a programmable ringer, and a database of

stored ringing tones corresponding to the national anthems of nations or tunes associated with geographical regions within the user's own country. When a user receives a call, the **identified** **number** of the calling party is parsed to determine to which geographical region it corresponds. This may be determined from the country and/or area code. If the call is from a foreign nation, the national anthem associated with the identified country code is played as the ringing tone. Alternatively, if an incoming call originates within the user's own country, a tune associated with the geographical region of the calling party is played as the ringing tone. For example, an American user in Raleigh, NCC who receives a call from Texas might hear ''The **Eyes** of Texas Are Upon You'' as the ringing tone. The same user, upon receiving a call from Germany, might hear the German national anthem. The invention further provides for the entertainment and education of children. In this mode, the user inputs country codes (or the device generates them randomly), and the telephone plays the corresponding national anthem. Alternatively, the anthem may be played first, after which the user guesses the country and inputs either the country code or the spelled name of the country. The guess is then confirmed or corrected via a display.|

```
AB- <BASIC> USE - None given.
        pp; 0 DwgNo 0/0|
DE- <TITLE TERMS> TELEPHONE; RING; TONE; INDICATE; LOCATE; CALL; PARTY|
DC- W01; W02|
IC- <MAIN> H04M-000/00|
MC- <EPI> W01-C01D3C; W01-C01F1; W01-C01F3; W02-C03C1A; W02-C03C1E|
FS- EPI||
```

17/4/33   (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

```
IM- *Image available*
AA- 2001-244020/200125|
DX- <RELATED> 1997-012261; 1998-179632; 1998-241041; 1998-495179;
     1998-506090; 2000-365842; 2000-686548; 2000-686625; 2001-112026;
     2001-315902|
XR- <XRPX> N01-173738|
TI- Tokenless authorization method for electronic payment e.g. at
     point-of-sale, automatic  teller machines or via Internet, using
     biometrics |
PA- HOFFMAN N (HOFF-I); LAPSLEY P D (LAPS-I); LEE J A (LEEJ-I); PARE D F
     (PARE-I)|
AU- <INVENTORS> HOFFMAN N; LAPSLEY P D; LEE J A; PARE D F|
NC- 001|
NP- 001|
PN- US 20010000535 A1 20010426 US 94345523    A  19941128 200125 B
     <AN> US 95442895    A  19950517
     <AN> US 96705399    A  19960829
     <AN> US 99239570    A  19990129
     <AN> US 2000731536  A  20001206|
AN- <LOCAL> US 94345523 A 19941128; US 95442895 A 19950517; US 96705399 A
     19960829; US 99239570 A 19990129; US 2000731536 A 20001206|
AN- <PR> US 2000731536 A 20001206; US 94345523 A 19941128; US 95442895 A
     19950517; US 96705399 A 19960829; US 99239570 A 19990129|
FD- US 20010000535 A1 G06F-017/60   CIP of application US 94345523
                CIP of application US 95442895
                Cont of application US 96705399
                CIP of application US 99239570
                CIP of patent US 5613012
                CIP of patent US 5615277
```

Cont of patent US 5870723|

LA- US 20010000535(20)|
AB- <PN> US 20010000535 A1|
AB- <NV> NOVELTY - A payor registers a **biometric** sample and a financial
account identifier with a third party, a payee also registers an
identification data with the third party, the third party compares
biometric samples of a bid, authorizes financial transaction and
transfers funds.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
for a tokenless electronic **payment** authorization **device** .
    USE - For electronic payment e.g. at point-of-sale, **automatic
teller** machines or via Internet.
    ADVANTAGE - It provides a strong link to the person being
identified rather than to a physical object for validating/verifying
buyer's identification hence reducing fraud.
    DESCRIPTION OF DRAWING(S) - The figure shows flowchart of the
process where **biometric** sample and PIN are used by tokenless system
to authorize automated clearing house (ACH) transaction.
    Data Processing Center (DPC)
    Party Identification Device (PIA)
    pp; 20 DwgNo 6/8|
DE- <TITLE TERMS> AUTHORISE; METHOD; ELECTRONIC; PAY; POINT; SALE;
AUTOMATIC; TELLER; MACHINE|
DC- S05; T01; T05; W01|
IC- <MAIN> G06F-017/60|
MC- <EPI> S05-D01C5A; T01-H07C5E; T01-J05A1; T05-D01B; T05-L02; T05-L03C5;
W01-A06B7|
FS- EPI||

17/4/34   (Item 34 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2001-147412/200115|
XR- <XRPX> N01-107894|
TI- Goods or service transaction method has object image projected directly
onto **eye** retina of user with simultaneous identification of user **eye**
pattern|
PA- SWISSCOM AG (SWIS-N); SWISSCOM MOBILE AG (SWIS-N); SWISSCOM MOBILE
TELEPHONE AG (SWIS-N)|
AU- <INVENTORS> LAUPER E; RITTER R|
NC- 087|
NP- 008|
PN- WO 200108056 A1 20010201 WO 99CH338   A 19990722 200115 B|
PN- AU 9945990   A 20010213 AU 9945990   A 19990722 200128
    <AN> WO 99CH338   A 19990722
PN- NO 200200200 A 20020207 WO 99CH338   A 19990722 200223
    <AN> NO 2002200   A 20020114
PN- BR 9917415   A 20020409 BR 9917415   A 19990722 200232
    <AN> WO 99CH338   A 19990722
PN- EP 1196881   A1 20020417 EP 99928997   A 19990722 200233 ·
    <AN> WO 99CH338   A 19990722
PN- CN 1361894   A 20020731 CN 99816822   A 19990722 200279
    <AN> WO 99CH338   A 19990722
PN- EP 1196881   B1 20030122 EP 99928997   A 19990722 200308
    <AN> WO 99CH338   A 19990722
PN- DE 59904126   G 20030227 DE 504126   A 19990722 200317
    <AN> EP 99928997   A 19990722
    <AN> WO 99CH338   A 1999072 2|
AN- <LOCAL> WO 99CH338 A 19990722; AU 9945990 A 19990722; WO 99CH338 A

19990722; WO 99CH338 A 19990722; NO 2002200 A 20020114; BR 9917415 A
19990722; WO 99CH338 A 19990722; EP 99928997 A 19990722; WO 99CH338 A
19990722; CN 99816822 A 19990722; WO 99CH338 A 19990722; EP 99928997 A
19990722; WO 99CH338 A 19990722; DE 504126 A 19990722; EP 99928997 A
19990722; WO 99CH338 A 19990722|

AN- <PR> WO 99CH338 A 19990722|

FD- WO 200108056 A1 G06F-017/60
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
    TT UA UG US UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ UG ZW

FD- AU 9945990   A G06F-017/60   Based on patent WO 200108056
FD- BR 9917415   A G06F-017/60   Based on patent WO 200108056
FD- EP 1196881   A1 G06F-017/60   Based on patent WO 200108056
    <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
    MC MK NL PT RO SE SI
FD- EP 1196881   B1 G06F-017/60   Based on patent WO 200108056
    <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
    SE
FD- DE 59904126   G G06F-017/60   Based on patent EP 1196881
                Based on patent WO 200108056|

LA- WO 200108056(G<PG> 31); EP 1196881(G); EP 1196881(G)|

DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
    FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
    LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
    UG US UZ VN YU ZA ZW|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; UG; ZW; AL; LI; LT;
    LV; MK; RO; SI|

AB- <PN> WO 200108056 A1|

AB- <NV> NOVELTY - The transaction method has object **image   data** (120)
    relating to a transaction object or service (110) converted into object
    image signals (121) imaged directly onto the **eye** retina (51) of the
    user, with evaluation of the user's **eye** characteristics, e.g. the
    retina pattern (180), for identifying the user, simultaneous with the
    viewing of the object **image   data**. The user **identification**
    characteristics are associated with the transaction object or service
    in a transaction document (190) which is transmitted to an order
    processing unit.|

AB- <BASIC> DETAILED DESCRIPTION - Also included are INDEPENDENT CLAIMS for
    the following:
        (a) a **transaction   device** ;
        (b) a service center
        USE - The transaction method is used for ordering goods and
    services via a transaction terminal linked to a service center.
        ADVANTAGE - The user identification is effected simultaneous with
    the viewing of the transaction object or service image.
        DESCRIPTION OF DRAWING(S) - The figure shows a data flow diagram
    for a transaction method.
        Eye retina (51)
        Transaction object or service (110)
        Object **image   data** (120)
        Object image signals (121)
        Retina pattern (180)
        Transaction document (190)
        pp; 31 DwgNo 1/2|

DE- <TITLE TERMS> GOODS; SERVICE; TRANSACTION; METHOD; OBJECT; IMAGE;
    PROJECT; **EYE** ; RETINA; USER; SIMULTANEOUS; IDENTIFY; USER; **EYE** ;
    PATTERN|

DC- P31; T01; T04; T05|

IC- <MAIN> G06F-017/60|
IC- <ADDITIONAL> G06F-001/00; G07F-007/10|
MC- <EPI> T01-J10B2; T04-D07C; T05-D01B; T05-H02C|
FS- EPI; EngPI||

17/4/35   (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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AA- 2001-125354/200114|
XR- <XRPX> N01-092337|
TI- Method of recording details of a transaction at a terminal in which an
      image of the user or the transaction is stored together with a
      transaction identifier, the user identity and one feature of the
      transaction|
PA- NCR INT INC (NATC   )|
AU- <INVENTORS> BAIRD J B|
NC- 025|
NP- 001|
PN- EP 1041523   A2 20001004 EP 2000302584   A   20000329 200114 B|
AN- <LOCAL> EP 2000302584 A 20000329|
AN- <PR> GB 997513 A 19990401|
FD- EP 1041523   A2 G07F-007/10
      <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
      MC MK NL PT RO SE SI|
LA- EP 1041523(E<PG> 6)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
      LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 1041523 A2|
AB- <NV> NOVELTY - When a user operates a self-service terminal or **ATM**
      machine an image of the user or the transaction, e.g. an image of
      currency, cheque or other tokens used in the transaction, is stored.
      The image is stored with a user identity, e.g. derived from the users
      PIN number or from **biometric   information** , a transaction **identifier**
       and a record of one aspect of the transaction, e.g. the value.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for an
      apparatus for executing a transaction.
          USE - In **ATM** 's or other service terminals.
          ADVANTAGE - Provides confirmation of a transaction, e.g. to avoid
      fraudulent claims succeeding.
          pp; 6 DwgNo 0/1|
DE- <TITLE TERMS> METHOD; RECORD; DETAIL; TRANSACTION; TERMINAL; IMAGE;
      USER; TRANSACTION; STORAGE; TRANSACTION; IDENTIFY; USER; IDENTIFY; ONE;
      FEATURE; TRANSACTION|
DC- S05; T01; T05; W04|
IC- <MAIN> G07F-007/10|
IC- <ADDITIONAL> G07C-009/00|
MC- <EPI> S05-D01C5A; T01-J10B2; T05-D01B; T05-L03C5; W04-V04A|
FS- EPI||

17/4/36   (Item 36 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-687675/200067|
XR- <XRAM> C00-209409|
XR- <XRPX> N00-508391|
TI- Device for comparing **biometric** data comprises at least one data
      processing device, a **biometric** sensor producing **biometric** data, a

reference data memory in which **biometric** reference **data** and an
identifier are saved and a program storer|
PA- SIEMENS AG (SIEI); INFINEON TECHNOLOGIES AG (INFN)|
AU- <INVENTORS> WIRTZ B|
NC- 028|
NP- 004|
PN- WO 200068898 A1 20001116 WO 2000DE1446 A 20000509 200067 B|
PN- DE 19921387 A1 20001123 DE 1021387   A 19990510 200101
PN- DE 19921387 C2 20010719 DE 1021387   A 19990510 200141
PN- EP 1177534   A1 20020206 EP 2000941911 A 20000509 200218
      <AN> WO 2000DE1446 A 20000509|
AN- <LOCAL> WO 2000DE1446 A 20000509; DE 1021387 A 19990510; DE 1021387 A
      19990510; EP 2000941911 A 20000509; WO 2000DE1446 A 20000509|
AN- <PR> DE 1021387 A 19990510|
FD- WO 200068898 A1 G07C-009/00
      <DS> (National): BR CN IN JP KR MX RU UA US
      <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FD- EP 1177534   A1 G07C-009/00   Based on patent WO 200068898
      <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
      SE|
LA- WO 200068898(G<PG> 21); EP 1177534(G)|
DS- <NATIONAL> BR CN IN JP KR MX RU UA US|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
      MC; NL; PT; SE|
AB- <PN> WO 200068898 A1|
AB- <NV> NOVELTY - A device for comparing **biometric** data comprising a
      biometric sensor producing **biometric** data, a reference data memory
      in which **biometric** reference **data** and an **identifier** are saved,
      and a program storer, is new.|
AB- <BASIC> DETAILED DESCRIPTION - A new device for comparing **biometric**
      data comprises at least one data processing device, a **biometric**
      sensor producing **biometric** data, a reference data memory in which
      biometric reference **data** and an **identifier** are saved, and a
      program storer in which at least two different **biometric** programs are
      stored. All the components are linked such that the **biometric** data
      can be compared with the **biometric** reference data. An INDEPENDENT
      CLAIM is also included for a **biometric** data comparative method
      involving generating **biometric** data using a sensor, reading out an
      identifier from a reference **data** memory, selecting and reading out
      from a program memory at least one of the partial programs assigned to
      the identifier and comparing the **biometric** data with the reference
      data.
      USE - The device is used for comparing **biometric** data,
      particularly **fingerprints** , on a laptop computer or **automatic**
      teller machine without the need for a card.
      ADVANTAGE - Obviates the need for a PIN code to be used, preventing
      unauthorized access in a straightforward manner.
      DESCRIPTION OF DRAWING(S) - The drawing illustrates the device.
      (1)= **biometric** **fingerprint** sensor;
      (5)=chip card;
      (6)=chip card terminal;
      (2)=data storage; and
      (3)=processor unit.
      pp; 21 DwgNo 1/7|
AB- <XA> EXAMPLE - None given.|
DE- <TITLE TERMS> DEVICE; COMPARE; DATA; COMPRISE; ONE; DATA; PROCESS;
      DEVICE; SENSE; PRODUCE; DATA; REFERENCE; DATA; MEMORY; REFERENCE; DATA;
      IDENTIFY; SAVE; PROGRAM; STORAGE|
DC- B04; D16; T05|
IC- <MAIN> G07C-009/00|
MC- <CPI> B04-B04E; B11-C08; B11-C08B; B12-K04E; D05-H09; D05-H10|
MC- <EPI> T05-G|

FS- CPI; EPI||

17/4/37   (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-686625/200067|
DX- <RELATED> 1997-012261; 1998-179632; 1998-241041; 1998-495179;
    1998-506090; 2000-365842; 2000-686548; 2001-112026; 2001-244020;
    2001-315902|
XR- <XRPX> N00-507676|
TI- **Biometric automated teller** machine access involves accessing
    financial transactions only when forwarded account access request
    message with **biometric** sample is in accord with details registered
    for each user|
PA- SMARTTOUCH INC (SMAR-N); VERISTAR CORP (VERI-N); INDIVOS CORP (INDI-N)|
AU- <INVENTORS> HOFFMAN N; LEE J A; PARE D F|
NC- 090|
NP- 005|
PN- WO 200046710 A1 20000810 WO 2000US2371 A   20000131 200067 B|
PN- AU 200034767 A 20000825 AU 200034767   A   20000131 200067
PN- EP 1210678   A1 20020605 EP 2000913298 A   20000131 200238
    <AN> WO 2000US2371 A 20000131
PN- BR 200008047 A 20021022 BR 20008047   A   20000131 200278
    <AN> WO 2000US2371 A 20000131
PN- JP 2002541533 W 20021203 JP 2000597720 A   20000131 200309
    <AN> WO 2000US2371 A 20000131|
AN- <LOCAL> WO 2000US2371 A 20000131; AU 200034767 A 20000131; EP
    2000913298 A 20000131; WO 2000US2371 A 20000131; BR 20008047 A 20000131
    ; WO 2000US2371 A 20000131; JP 2000597720 A 20000131; WO 2000US2371 A
    20000131|
AN- <PR> US 99245501 A 19990205|
FD- WO 200046710 A1 G06F-017/60
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
    DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200034767 A G06F-017/60   Based on patent WO 200046710
FD- EP 1210678   A1 G06F-017/60   Based on patent WO 200046710
    <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
    SE
FD- BR 200008047 A G06F-017/60   Based on patent WO 200046710
FD- JP 2002541533 W G06F-017/60   Based on patent WO 200046710|
LA- WO 200046710(E<PG> 69); EP 1210678(E); JP 2002541533(95)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW; LI|
AB- <PN> WO 200046710 A1|
AB- <NV> NOVELTY - The personal **identification number** , **biometric**
    sample like **fingerprint** , retinal and facial image corresponding to
    each user is registered in an electronic identicator. The financial
    account access is enabled only when **biometric** sample detail or PIN
    code forwarded for each user from **automated teller** machine is in
    accord with details registered in electronic identicator.|
AB- <BASIC> DETAILED DESCRIPTION - The financial operations are withdrawing

cash, depositing funds, transferring funds between accounts, obtaining account balances, purchasing products, paying bills and obtaining electronic cash. The financial operations are inhibited when account request message has false codes. The alphanumeric codes are set for account index number. The **automated teller** machine is at remote location and is accessed via computer networks in institutions. An INDEPENDENT CLAIM is also included for tokenless **biometric** access device.

USE - For accessing financial accounts without using tokens like smart cards or swipe cards in banks, other financial institutions.

ADVANTAGE - Since accessing account is based on identical **biometric** sample registered in electronic identicator, use of man made cards is eliminated and misoperation of each individual's account is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart depicting generation of account access request message.

pp; 69 DwgNo 4/16|

DE- <TITLE TERMS> AUTOMATIC; TELLER; MACHINE; ACCESS; ACCESS; FINANCIAL; TRANSACTION; FORWARDING; ACCOUNT; ACCESS; REQUEST; MESSAGE; SAMPLE; ACCORD; DETAIL; REGISTER; USER|

DC- S05; T01|

IC- <MAIN> G06F-017/60|

IC- <ADDITIONAL> G06F-015/00; G07D-009/00|

MC- <EPI> S05-D01C5A; T01-J05A; T01-J06A|

FS- EPI||

17/4/38   (Item 38 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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IM- *Image available*

AA- 2000-686548/200067|

DX- <RELATED> 1997-012261; 1998-179632; 1998-241041; 1998-495179; 1998-506090; 2000-365842; 2000-686625; 2001-112026; 2001-244020; 2001-315902|

XR- <XRPX> N00-507599|

TI- Tokenless electronic payment authorization method for online shopping, online banking, involves identifying payer **identification data** and payer **biometric** sample, by party identicator based on stored sample data|

PA- SMARTTOUCH INC (SMAR-N); VERISTAR CORP (VERI-N); INDIVOS CORP (INDI-N)|

AU- <INVENTORS> HOFFMAN N; LEE J A; PARE D F|

NC- 090|

NP- 004|

PN- WO 200045320 A1 20000803 WO 2000US2298 A 20000131 200067 B|

PN- AU 200032181 A 20000818 AU 200032181 A 20000131 200067

PN- BR 200007801 A 20020205 BR 20007801 A 20000131 200213

<AN> WO 2000US2298 A 20000131

PN- EP 1208489   A1 20020529 EP 2000910018 A 20000131 200243

<AN> WO 2000US2298 A 20000131|

AN- <LOCAL> WO 2000US2298 A 20000131; AU 200032181 A 20000131; BR 20007801 A 20000131; WO 2000US2298 A 20000131; EP 2000910018 A 20000131; WO 2000US2298 A 20000131|

AN- <PR> US 99239570 A 19990129|

FD- WO 200045320 A1 G06F-017/60

<DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

FD- AU 200032181 A G06F-017/60 Based on patent WO 200045320
FD- BR 200007801 A G06F-017/60 Based on patent WO 200045320
FD- EP 1208489 A1 G06F-017/60 Based on patent WO 200045320
     <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
     SE|
LA- WO 200045320(E<PG> 43); EP 1208489(E)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
     EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
     LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
     TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
     IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW; LI|
AB- <PN> WO 200045320 A1|
AB- <NV> NOVELTY - Payer and payee's data comprising electronic party
     identicator (PIA) are stored along with payer **identification** **data** .
     Electronic financial transaction is carried out between payer and payee
     party **identification** **data** using registered samples for producing
     failed or successful identification. Upon successful identification of
     payer and payee funds are transferred.|
AB- <BASIC> DETAILED DESCRIPTION - Payee **identification** **data** consists
     of either payee ID code, telephone number, e-mail address, digital
     certificate code, account index financial account number, **biometric**
     or **biometric** and PIN combination. Payer's credit/debit accounts are
     checked to determined sufficient resources used for transaction. An
     INDEPENDENT CLAIM is also included for tokenless electronic **payment**
     authorization **device** .
         USE - For online shopping using **ATM** , POS and online banking using
     internet.
         ADVANTAGE - Since the unique **biometric** characteristic
     professional of each user is recognized precisely or personal
     electronic transaction at any time without dependence upon tokens can
     be carried out.
         DESCRIPTION OF DRAWING(S) - The figure shows the overall flowchart
     where a **biometric** sample and PIN are used by the tokenless system to
     authorize an ACH transaction.
         pp; 43 DwgNo 6/7|
DE- <TITLE TERMS> ELECTRONIC; PAY; AUTHORISE; METHOD; SHOPPING; BANK;
     IDENTIFY; PAY; IDENTIFY; DATA; PAY; SAMPLE; PARTY; BASED; STORAGE;
     SAMPLE; DATA|
DC- T01; T05|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A1; T05-L01; T05-L02; T05-L03|
FS- EPI||

17/4/39   (Item 39 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-543500/200049|
XR- <XRPX> N00-402032|
TI- Tokenless **biometric** transaction authorization in financial
     institution, by transaction between payer and payee after identifying
     payee bid **identification** **data** , transaction amount and payer bid
     biometric sample|
PA- SMARTTOUCH INC (SMAR-N)|
AU- <INVENTORS> HOFFMAN N; LEE J A; PARE D F|
NC- 089|
NP- 002|
PN- WO 200046737 A1 20000810 WO 2000US2785 A 20000202 200049 B|
PN- AU 200034818 A 20000825 AU 200034818 A 20000202 200059|

AN- <LOCAL> WO 2000US2785 A 20000202; AU 200034818 A 20000202|
AN- <PR> US 99243208 A 19990202|
FD- WO 200046737 A1 G06K-009/00
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
    DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200034818 A G06K-009/00   Based on patent WO 200046737|
LA- WO 200046737(E<PG> 36)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC·LK LR LS
    LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200046737 A1|
AB- <NV> NOVELTY - The payee **identification** **data** and payer stored value
    account and **biometric** sample are registered with an electronic
    identicator. The electronic financial transaction is performed between
    payer and payee after identifying the payee bid **identification** **data**
    , transaction amount and payer bid **biometric** sample.|
AB- <BASIC> DETAILED DESCRIPTION - Payee bid **identification** **data**
    consists of payee hardware ID code, payee telephone number, payee
    e-mail address, payee digital certificate code, payee account index,
    payee financial account number, payee **biometric** and payee **biometric**
    and PIN combination. The stored value transaction is authorized without
    presenting any man-made tokens such as smart card or magnetic swipe
    cards to debit payer stored value account upon successful
    identification of payer and payee. An INDEPENDENT CLAIM is also
    included for tokenless stored value **transaction** authorization **device**
    using **biometric** for debiting funds from payer stored value account.
        USE - For tokenless **biometric** authorization of electronic
    financial transaction between payer and payee in financial institution.

        ADVANTAGE - Eliminates the need for payer to possess and present
    any man-made tokens by having **biometric** sample verification. Secures
    access to a computer for fraudulent transaction authorization using
    unique personal **biometric** samples for identification.
        DESCRIPTION OF DRAWING(S) - The figure shows the overall preferred
    flowchart where **biometric** sample and PIN are used by the tokenless
    system to authorize debit of payer stored value account.
        pp; 36 DwgNo 6/7|
DE- <TITLE TERMS> TRANSACTION; FINANCIAL; INSTITUTION; TRANSACTION; PAY;
    AFTER; IDENTIFY; BID; IDENTIFY; DATA; TRANSACTION; AMOUNT; PAY; BID;
    SAMPLE|
DC- S05; T04; T05|
IC- <MAIN> G06K-009/00|
MC- <EPI> S05-D01C5A; T04-D; T04-D07; T05-L02|
FS- EPI||

17/4/40   (Item 40 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-430915/200037|
XR- <XRPX> N00-321613|
TI- Unified computing and communication architecture, maintains number of
    client connections at **ATM** switch to be equal to or below

predetermined maximum number|
PA- TERAGLOBAL COMMUNICATIONS CORP (TERA-N)|
AU- <INVENTORS> HOLCOMB G K|
NC- 025|
NP- 007|
PN- WO 200029966 A1 20000525 WO 99US27587   A 19991119 200037 B|
PN- AU 200056459 A   20001218 AU 200056459   A 19991119 200118
PN- CN 1299485   A   20010613 CN 99805131   A 19991119 200158
PN- EP 1141849   A1 20011010 EP 99963941   A 19991119 200167
     <AN> WO 99US27587   A 19991119
PN- KR 2001082529 A 20010830 KR 2000710938   A 20000930 200215
PN- AU 752096   B 20020905 AU 200056459   A 19991119 200264
PN- JP 2002530745 W 20020917 WO 99US27587   A 19991119 200276
     <AN> JP 2000582907 A 19991119|
AN- <LOCAL> WO 99US27587 A 19991119; AU 200056459 A 19991119; CN 99805131 A
     19991119; EP 99963941 A 19991119; WO 99US27587 A 19991119; KR
     2000710938 A 20000930; AU 200056459 A 19991119; WO 99US27587 A 19991119
     ; JP 2000582907 A 19991119|
AN- <PR> US 98109420 P 19981119|
FD- WO 200029966 A1 G06F-015/00
     <DS> (National): AU CA CN JP KR US
     <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FD- AU 200056459 A G06F-015/00 · Based on patent WO 200029966
FD- EP 1141849   A1 G06F-015/00   Based on patent WO 200029966
     <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
     SE
FD- AU 752096   B G06F-015/00   Previous Publ. patent AU 200056459
                Based on patent WO 200029966
FD- JP 2002530745 W G06F-015/00   Based on patent WO 200029966|
LA- WO 200029966(E<PG> 68); EP 1141849(E); JP 2002530745(86)|
DS- <NATIONAL> AU CA CN JP KR US|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
     NL; PT; SE; LI|
AB- <PN> WO 200029966 A1|
AB- <NV> NOVELTY - The number of client connections to **ATM** switch is
     maintained at or below a predetermined maximum **number** to maintain a
     balanced symmetrical **ATM** network topology within each service cell
     (10). The service cell supports guaranteed, non-statistical,
     full-duplex communication between clients, and between any group of
     clients and registry server (30-1), and between registry servers.|
AB- <BASIC> DETAILED DESCRIPTION - Each service cell formed of a network of
     interconnected computers comprises a central non-blocking **ATM** switch
     (60) connected to **ATM** communication device. Each client communication
     terminal (A1,A80) connected to **ATM** switch comprises a computing
     platform including a supercomputer class host processor with peripheral
     chipset and motherboard. A digital camera (120), audio speaker,
     microphone, visual display, **biometric** device (125) and **ATM**
     communication interface (25) are connected to motherboard. Each
     registry server connected to **ATM** switch comprises a computing
     platform including a processor with peripheral chipset and motherboard
     and a ultra high speed hard disc array.
        USE - The unified computing and communication architecture (UCCA)
     is used to deliver computer based communication solution that supports
     required information flow by full duplex real time multiple
     point-to-point and multiple point to multiple point communication
     network topology.
        ADVANTAGE - Enables creation of content, management of content,
     distribution of content, security of content and assessment of use of
     content using the computer based communication solution. The UCCA can
     be continuously upgraded via software eliminating the need for frequent
     hardware upgrades necessary to periodically add new services and
     functionality.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of minimally configured service cell including single registry cell.
     Service cell (10)
      ATM communication interface (25)
     Registry server (30-1)
     Non-blocking **ATM** switch (60)
     Digital camera (120)
     Biometric device (125)
     Client communication terminals (A1,A80)
     pp; 68 DwgNo 3/7|

DE- <TITLE TERMS> UNIFIED; COMPUTATION; COMMUNICATE; ARCHITECTURE; MAINTAIN ; NUMBER; CLIENT; CONNECT; **ATM** ; SWITCH; EQUAL; BELOW; PREDETERMINED; MAXIMUM; NUMBER|

DC- T01; W01|

IC- <MAIN> G06F-015/00|

IC- <ADDITIONAL> H04L-012/56|

MC- <EPI> T01-H07C3D; T01-H07C5; T01-H07P; T01-M02A1B; T01-P02A; W01-A03B1; W01-A06E1; W01-A06F; W01-A06G2; W01-B07|

FS- EPI||

17/4/41   **(Item 41 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*

AA- 2000-387483/200033|

XR- <XRPX> N00-290110|

TI- Data processing method for **automated** **teller** machine involves performing operation defined by icon input by user|

PA- NCR INT INC (NATC)|

AU- <INVENTORS> HOLMES A|

NC- 023|

NP- 001|

PN- WO 200028407 A1 20000518 WO 99GB3685 A 19991108 200033 B|

AN- <LOCAL> WO 99GB3685 A 19991108|

AN- <PR> GB 9824763 A 19981111|

FD- WO 200028407 A1 G06F-003/033
    <DS> (National): BR CN JP US ZA
    <DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|

LA- WO 200028407(E<PG> 22)|

DS- <NATIONAL> BR CN JP US ZA|

DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE|

AB- <PN> WO 200028407 A1|

AB- <NV> NOVELTY - The display device driver is operated to depict a control object or icon specifying a data processing operation. The operation defined by the icon is performed by input from user. The amount of picture detail of the depicted control object is increased through the succession of images.|

AB- <BASIC> DETAILED DESCRIPTION - The depiction of control object comprises forward and reverse succession of images each of which appears to the human **eye** as a continuously changing **image** . The **data** processor is controlled by a programming unit. An INDEPENDENT CLAIM is also included for data processor.
    USE - For personal computer self service terminals, **automated** **teller** machine.
    ADVANTAGE - The control object is made to appear to grow on the screen and subsequently to shrink. Different data processing options can be displayed to the user.
    DESCRIPTION OF DRAWING(S) - The figure shows the progression of images produced on display screen.

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pp; 22 DwgNo 4/4|
DE- <TITLE TERMS> DATA; PROCESS; METHOD; AUTOMATIC; TELLER; MACHINE;
PERFORMANCE; OPERATE; DEFINE; INPUT; USER|
DC- T01; T05|
IC- <MAIN> G06F-003/033|
IC- <ADDITIONAL> G07F-019/00|
MC- <EPI> T01-C02B1; T01-J05A1; T01-J12D; T05-L03C1|
FS- EPI||

17/4/42   (Item 42 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-334855/200029|
XR- <XRPX> N00-252546|
TI- Individual identification device for financial institution, judges
individual from acquired individual characteristic of person's **eye** ,
when change of scale spacing is measured by measurement unit|
PA- OKI ELECTRIC IND CO LTD (OKID   )|
NC- 001|
NP- 001|
PN- JP 2000105830 A 20000411 JP 98275041   A 1998092   200029 B|
AN- <LOCAL> JP 98275041 A 19980929|
AN- <PR> JP 98275041 A 19980929|
FD- JP 2000105830 A G06T-007/00|
LA- JP 2000105830(12)|
AB- <PN> JP 2000105830 A|
AB- <NV> NOVELTY - A feature extraction unit (3) extracts the individual
characteristic **information** from the **image** of person's **eye**
photographed by a camera (1). A measurement unit (6) measures the
change of scale spacing from the image of person's **eye** during
photography. An authencity judging unit (8) judges the acquired
individual characteristic of person's **eye** when the change in scale
spacing is detected.|
AB- <BASIC> USE - For identifying individual using his **eye** characteristic
in **automatic   teller** machine of financial institution and for
entrance management in plants.
   ADVANTAGE - Malfunctioning and inaccurate operation of entrance
management can be prevented using **iris   data** . Since person is.
identified using characteristic of **eye** , identification reliability
and accuracy are improved.
   DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
individual identification device.
   Camera (1)
   Feature extraction unit (3)
   Measurement unit (6)
   Authencity judging unit (8)
   pp; 12 DwgNo 1/19|
DE- <TITLE TERMS> INDIVIDUAL; IDENTIFY; DEVICE; FINANCIAL; INSTITUTION;
JUDGEMENT; INDIVIDUAL; ACQUIRE; INDIVIDUAL; CHARACTERISTIC; PERSON;
EYE ; CHANGE; SCALE; SPACE; MEASURE; MEASURE; UNIT|
DC- P31; T01; T05|
IC- <MAIN> G06T-007/00|
IC- <ADDITIONAL> A61B-005/117|
MC- <EPI> T01-E01C; T01-J10B2; T05-D01B|
FS- EPI; EngPI||

17/4/43   (Item 43 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2000-211400/200019|
XR- <XRPX> N00-158197|
TI- Automatic cash transaction system using **fingerprint** information, has
    terminal to collect **fingerprint** function which is compared with
    stored database for executing transaction demand|
PA- NEC SOFTWARE OKINAWA LTD (NIDE   )|
NC- 001|
NP- 001|
PN- JP 11338947   A 19991210 JP 98144217   A 19980526 200019 B|
AN- <LOCAL> JP 98144217 A 19980526|
AN- <PR> JP 98144217 A 19980526|
FD- JP 11338947   A G06F-019/00|
LA- JP 11338947(7)|
AB- <BASIC> JP 11338947 A
        NOVELTY - Cash transaction terminal (4) compares collected
    fingerprint with that stored in database (1) by authentication unit
    (5). When prints are in accord, code and account numbers of individual
    output from database (1) are compared with that stored in code number
    database (2). When the number exists in the database (2), transaction
    executing unit (7) executes transaction with reference to the ledger
    database. DETAILED DESCRIPTION - **Finger   print** , account **number** ,
    code **number** for **identification** of an individual are stored in a
    database (1) for individual authentication. Account number and code
    number are stored in code number database (2) and financial transaction
    information for every account number are stored in a ledger database
    (3).
        USE - For use in automatic cash deposit or withdrawal machine,
    automatic   teller machine used in financial institutions such as
    banks for discharging required cash using **fingerprint** information.
        ADVANTAGE - Even if the user has not carried his passbook or money
    card and to forgot his code number, effective cash transaction is
    enabled using **fingerprint** information. DESCRIPTION OF DRAWING(S) -
    The figure shows the block diagram of cash transaction system. (1)
    Database; (2) Code number database; (4) Cash transaction terminal; (5)
    Individual authentication unit; (7) Transaction executing unit.
        Dwg.1/3|
DE- <TITLE TERMS> AUTOMATIC; CASH; TRANSACTION; SYSTEM; **FINGERPRINT** ;
    INFORMATION; TERMINAL; COLLECT; **FINGERPRINT** ; FUNCTION; COMPARE;
    STORAGE; DATABASE; EXECUTE; TRANSACTION; DEMAND|
DC- T01|
IC- <MAIN> G06F-019/00|
IC- <ADDITIONAL> G06T-007/00|
MC- <EPI> T01-J; T01-J10B2|
FS- EPI||

 17/4/44   (Item 44 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2000-160517/200014|
XR- <XRPX> N00-119809|
TI- Imaging system for generating identification documents in photo **kiosk**
    systems|
PA- IMAGEWARE SOFTWARE INC (IMAG-N)|
AU- <INVENTORS> ERREJON C; IBBETSON W J|
NC- 085|
NP- 002|

```
PN- WO 9966448     A1 19991223 WO 99US13735   A  19990617 200014 B|
PN- AU 9946933     A  20000105 AU 9946933     A  19990617 200024|
AN- <LOCAL> WO 99US13735 A 19990617; AU 9946933 A 19990617|
AN- <PR> US 9898936 A 19980617|
FD- WO 9966448     A1 G06K-009/00
     <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
     EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
     LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
     TT UA UG UZ VN YU ZA ZW
     <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
     LU MC MW NL OA PT SD SE SL SZ UG ZW
FD- AU 9946933     A  G06K-009/00   Based on patent WO 9966448|
LA- WO 9966448(E<PG> 34)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
     FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
     LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
     UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
     IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; UG; ZW|
AB- <PN> WO 9966448 A1|
AB- <NV> NOVELTY - A verification unit verifies the identity of user by
     comparing **identification** **data** input by input unit (62) with
     verification information. A printer generates an identification
     document with image captured by camera in response to electronic
     request.|
AB- <BASIC> DETAILED DESCRIPTION - There are at least two input devices
     which are coupled to a central processing unit (CPU) to receive
     **identification** **data** . The input device is scanner (90) which scans
     documents that describes identity of users, or electronic signing
     device which accepts a signature of user, or a **finger** **print** imaging
     device which accepts a **finger** **print** of user or a touch screen
     monitor or a keyboard. A memory storage unit stores digital image of
     user. A camera (61) captures the portrait image in response to capture
     signal activated by CPU. The verification system is a software program
     which is executed on another CPU in communication with first CPU. The
     identification document is a passport or driving license. INDEPENDENT
     CLAIMS are also included for the following:
          (a) an identification system;
          (b) method of receiving **information** for generation of
     **identification** document
          USE - For generating identification documents such as
     self-photographs by photo **kiosk** system used for making amusement and
     novel pictures in government agencies, banks and credit card companies.

          ADVANTAGE - A user can conveniently obtain replacement for stolen
     passport, license etc. in a timely manner. A user need not travel to an
     issuing agency to procure lost or stolen identification document. The
     system is automated, quicker and less cost.
          DESCRIPTION OF DRAWING(S) - The figure shows the perspective view
     of an identification system.
          Camera (61)
          Input device (62)
          Scanner (90)
          pp; 34 DwgNo 1/3|
DE- <TITLE TERMS> IMAGE; SYSTEM; GENERATE; IDENTIFY; DOCUMENT; PHOTO;
     **KIOSK** ; SYSTEM|
DC- P76; S06; T04|
IC- <MAIN> G06K-009/00|
IC- <ADDITIONAL> B42D-015/00; H04K-001/00|
MC- <EPI> S06-B09; T04-D; T04-D04|
FS- EPI; EngPI||
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17/4/45   (Item 45 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 2000-121237/200011|
XR- <XRPX> N00-092227|
TI- Information display position controller in input device of automatic
    transaction machine in bank - adjusts matching between specific area
    of display surface and surface area of touch panel, such that **image
    information** is positioned in front of operator's **eyes** |
PA- NTT DATA TSUSHIN KK (NITE)|
NC- 001|
NP- 001|
PN- JP 11353118   A 19991224 JP 98158889   A 19980608 200011 B|
AN- <LOCAL> JP 98158889 A 19980608|
AN- <PR> JP 98158889 A 19980608|
FD- JP 11353118   A G06F-003/033|
LA- JP 11353118(8)|
AB- <BASIC> JP 11353118 A
        NOVELTY - A touch panel (11) detects a contact object in the entire
    area of display surface (9) of a display. A compensation unit (19)
    adjusts the matching between specific area of the display surface where
     image information is displayed, and surface area of touch panel
    such that **image information** is positioned directly in front of the
    eyes of the touch panel operator who visually observes the display.
    DETAILED DESCRIPTION - A display displays **image information** . A
    compensation unit performs matching based on the estimated position of
    operator's **eye** from detected head position and terminal equipment of
    automatic ticket dispenser in railway station.
        USE - For controlling information display position in input device
    of automatic **transaction machine** of bank.
        ADVANTAGE - Enables to input information at a position desired by
    touch panel operator even when the position of his **eyes** corresponding
    to the display surface is not a standard position. DESCRIPTION OF
    DRAWING(S) - The figure shows a functional block diagram of signal
    processing unit of terminal equipment. (9) Display surface; (11) Touch
    panel; (19) Compensation unit.
        Dwg.2/4|
DE- <TITLE TERMS> INFORMATION; DISPLAY; POSITION; CONTROL; INPUT; DEVICE;
    AUTOMATIC; TRANSACTION; MACHINE; BANK; ADJUST; MATCH; SPECIFIC; AREA;
    DISPLAY; SURFACE; SURFACE; AREA; TOUCH; PANEL; IMAGE; INFORMATION;
    POSITION; FRONT; OPERATE; **EYE** |
DC- T01|
IC- <MAIN> G06F-003/033|
IC- <ADDITIONAL> G06F-003/00|
MC- <EPI> T01-C; T01-C02B1|
FS- EPI||

17/4/46   (Item 46 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 2000-041521/200004|
XR- <XRPX> N00-031547|
TI- Touch-sensitive display for an **automated   teller** machine (**ATM**) |
PA- NCR INT INC (NATC)|
AU- <INVENTORS> TAYLOR A R|
NC- 030|

```
NP- 006|
PN- EP 965961      A1 19991222 EP 99304603    A  19990614 200004 B|
PN- AU 9935100     A  20000106 AU 9935100     A  19990617 200013
PN- BR 9902282     A  20000104 BR 992282      A  19990616 200019
PN- CN 1249453     A  20000405 CN 99109087    A  19990618 200034
PN- JP 2000276628 A  20001006 JP 99205096    A  19990616 200056
PN- ZA 9903983     A  20010228 ZA 993983      A  19990615 200114|
AN- <LOCAL> EP 99304603 A 19990614; AU 9935100 A 19990617; BR 992282 A
    19990616; CN 99109087 A 19990618; JP 99205096 A 19990616; ZA 993983 A
    19990615|
AN- <PR> GB 9813190 A 19980618|
FD- EP 965961      A1 G07F-007/10
    <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
    MC MK NL PT RO SE SI|
LA- EP 965961(E<PG> 13); JP 2000276628(28); ZA 9903983(19)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
    LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 965961 A1|
AB- <NV> NOVELTY - A processing unit provides an image of a first keypad on
    a touch-sensitive display screen (20) to enable a user to gain access
    to the ATM (10). The next user is provided with an image of a second
    keypad which has different dimensions and/or a different layout from
    the previous keypad image.|
AB- <BASIC> USE - For an automated teller machine.
        ADVANTAGE - Prevents the fraudulent acquisition of the previous
    user's personal identification number , for example, by making it
    impossible to examine the fingerprint residue left behind by the
    previous user.
        DESCRIPTION OF DRAWING(S) - The figure shows a front view of the
    touch-sensitive display incorporated into an ATM .
        ATM  (10)
        Touch-sensitive display screen (20)
        pp; 13 DwgNo 1/11|
DE- <TITLE TERMS> TOUCH; SENSITIVE; DISPLAY; AUTOMATIC; TELLER; MACHINE;
    ATM |
DC- P85; T01; T05|
IC- <MAIN> G06F-003/00; G07D-009/00; G07F-000/00; G07F-007/10; G07F-019/00;
    G09G-005/14|
IC- <ADDITIONAL> G06F-001/00; G06F-003/033; G06F-015/00; G06F-019/00;
    G06K-000/00|
MC- <EPI> T01-C02B1D; T05-H02C; T05-L03C1|
FS- EPI; EngPI||
```

17/4/47   (Item 47 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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```
IM- *Image available*
AA- 1998-599723/199851|
DX- <RELATED> 2002-728702|
XR- <XRPX> N98-467113|
TI- Operating system of ATM in bank - transmits information related to
    condition of ATM to monitor board and performs operation related to
    implementation of ATM when transmitted and registered identification
        information  are equal|
PA- OKI ELECTRIC IND CO LTD (OKID  )|
NC- 001|
NP- 001|
PN- JP 10269412   A  19981009 JP 9773751      A  19970326 199851 B|
AN- <LOCAL> JP 9773751 A 19970326|
AN- <PR> JP 9773751 A 19970326|
```

FD- JP 10269412   A   G07D-009/00|
LA- JP 10269412(7)|
AB- <BASIC> JP 10269412 A
      The system includes a camera (11) provided in a monitor board (10)
   to perform the image pick-up of the **eye** of the user and to produce
   identification   information . The **identification   information** is
   transmitted to a radio communication unit (7) of **ATM** along with the
   indication information through the radio communication unit of the
   monitor board.
      The identity of each individual is registered in the **ATM** . The
   transmitted **identification   information** and **identification
   information** previously registered by a controller (8) of the **ATM** are
   compared. When they are in accord, the information related to the
   condition of **ATM** is transmitted to the monitor board based on the
   level of the operator. Operation related to the implementation of **ATM**
   and contact of the person to a medium of the **ATM** is performed.
      ADVANTAGE - Facilitates to identify cause for stoppage of **ATM**
   when abnormalities are·generated. Provides security. Improves customer
   service.
      Dwg.1/2|
DE- <TITLE TERMS> OPERATE; SYSTEM; **ATM** ; BANK; TRANSMIT; INFORMATION;
   RELATED; CONDITION; **ATM** ; MONITOR; BOARD; PERFORMANCE; OPERATE;
   RELATED; IMPLEMENT; **ATM** ; TRANSMIT; REGISTER; IDENTIFY; INFORMATION;
   EQUAL|
DE- <ADDITIONAL WORDS> **AUT   OMA   TIC** ; TRANSACTION; MACHINE|
DC- T01; T05|
IC- <MAIN> G07D-009/00|
IC- <ADDITIONAL> G06F-019/00|
MC- <EPI> T01-J05A1; T05-L03C1; T05-L03C5|
FS- EPI||

 17/4/48   (Item 48 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1998-506090/199843|
DX- <RELATED> 1997-012261;· 1998-179632; 1998-241041; 1998-495179;
   2000-365842; 2000-686548; 2000-686625; 2001-112026; 2001-244020;
   2001-315902|
XR- <XRPX> N98-394545|
TI- Tokenless identification method for individuals in POS, **ATM** , CATV,
   facsimile, internet - involves comparing input **biometrical** and bid
   biometrical information with predefined information stored in
   biometrical packet identified based on respective identification codes
   |
PA- SMARTTOUCH (SMAR-N)|
AU- <INVENTORS> HOFFMAN N; LEE J A; PARE D F|
NC- 001|
NP- 001|
PN- US 5805719   A 19980908 US 94345523   A 19941128 199843 B
   <AN> US 95442895   A 19950517
   <AN> US 97820008   A 19970318|
AN- <LOCAL> US 94345523 A 19941128; US 95442895 A 19950517; US 97820008 A
   19970318|
AN- <PR> US 97820008 A 19970318; US 94345523 A 19941128; US 95442895 A
   19950517|
FD- US 5805719   A G06K-009/00   CIP of application US 94345523
            CIP of application US 95442895
            CIP of patent US 5613012
            CIP of patent US 5615277|

LA- US 5805719(62)|
AB- <BASIC> US 5805719 A
     The method involves extracting personal identification code
representing **biometrical** packet, from collected **biometrical**
information. Then, the packet is **identified** and the collected
information is compared with predefined unique information stored in
the packet.
     When successful comparison result is output, the collected
biometrical information is stored in the respective packet. Then, the
personal bid code of the individual and the corresponding **biometric**
information are input. The **biometric** packet represented by the
individual code is **identified** and the input **information** is compared
with predefined information stored in the packet.
     USE - In financial institution such as banks.
     ADVANTAGE - Notifies illegal or abnormal status of user,
accurately. Maintains integrity and confidentiality of data transferred
between BIA and network.
     Dwg.1/22|
DE- <TITLE TERMS> IDENTIFY; METHOD; INDIVIDUAL; POS; **ATM** ; CATV; FACSIMILE
   ; COMPARE; INPUT; BID; INFORMATION; PREDEFINED; INFORMATION; STORAGE;
   PACKET; IDENTIFY; BASED; RESPECTIVE; IDENTIFY; CODE|
DE- <ADDITIONAL WORDS> BIOMETRIC; INPUT; APPARATUS|
DC- S05; T01; T05|
IC- <MAIN> G06K-009/00|
MC- <EPI> S05-D01C5A; T01-C08B; T05-L01; T05-L03|
FS- EPI||

 17/4/49   (Item 49 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1998-349900/199831|
XR- <XRPX> N98-273119|
TI- Radio communications transmitter for **mobile** telephone, and **mobile**
     internet telephone - has sensor identifying **biometrical** data
     integrated on navigation button|
PA- SIEMENS AG (SIEI)|
AU- <INVENTORS> SCHNEIDER-HUFSCHMIDT M|
NC- 026|
NP- 003|
PN- DE 29722222   U1 19980625 DE 97U2022222 U 19971216 199831 B|
PN- EP 924948   A1 19990623 EP 98121782   A 19981116 199929
PN- US 6298230   B1 20011002 US 98212838   A 19981216 200160|
AN- <LOCAL> DE 97U2022222 U 19971216; EP 98121782 A 19981116; US 98212838 A
     19981216|
AN- <PR> DE 97U2022222 U 19971216|
FD- EP 924948   A1 H04Q-007/32
     <DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV
     MC MK NL PT RO SE SI|
LA- DE 29722222(6); EP 924948(G) |
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
     LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <BASIC> DE 29722222 U
     The radio communications transmitter (1) has on its surface a
navigation button (4) on its keyboard outer face. A sensor (5)
identifies **biometrical** **data** , e.g. **finger** **prints** , on the
operation surface.
     The button incorporates the sensor. The sensor is arranged on the
operation surface. This has a square form, and is arranged on the apex
of the navigation button.

ADVANTAGE - Accommodates optimal operational button.
        Dwg.1/1|
DE- <TITLE TERMS> RADIO; COMMUNICATE; TRANSMIT; MOBILE; TELEPHONE; MOBILE;
    TELEPHONE; SENSE; IDENTIFY; DATA; INTEGRATE; NAVIGATION; BUTTON|
DC- S05; T01; W01|
IC- <MAIN> H04M-001/52; H04M-001/66; H04Q-007/32|
IC- <ADDITIONAL> H04B-001/38; H04M-001/02; H04M-011/00|
MC- <EPI> S05-D01C5A; T01-C03C; T01-J08C; W01-A06B7; W01-C01D3C; W01-C01D3D
    ; W01-C01P9|
FS- EPI||

 17/4/50   (Item 50 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1998-198450/199818|
XR- <XRPX> N98-157504|
TI- Automatic transactions machine with operator identification function
    for financial institutions e.g. bank - has camera that extracts and
    identifies official incharge, when camera is switched to maintenance
    operation mode|
PA- OKI ELECTRIC IND CO LTD (OKID)|
NC- 001|
NP- 001|
PN- JP 10049728   A 19980220 JP 96208428   A 19960807 199818 B|
AN- <LOCAL> JP 96208428 A 19960807|
AN- <PR> JP 96208428 A 19960807|
FD- JP 10049728   A G07D-009/00|
LA- JP 10049728(13)|
AB- <BASIC> JP 10049728 A
        The **ATM** (1) has a camera (27) for extracting **iris** data for
    identifying a customer (A). The customer is detected with the help of
    an approach detector (34). When the customer completes transactions,
    the approach detector stops detecting the customer.
        An official incharge (B) performs the maintenance and management
    operations. The camera is inverted by almost 180deg, and extracts and
    identifies the **iris** **data** of the official incharge during
    maintenance mode.
        ADVANTAGE - Identifies operating official incharge or input
    operator without using operator's card. Eliminates management troubles
    and incorrect usage of handling persons.
        Dwg.1/12|
DE- <TITLE TERMS> AUTOMATIC; TRANSACTION; MACHINE; OPERATE; IDENTIFY;
    FUNCTION; FINANCIAL; INSTITUTION; BANK; CAMERA; EXTRACT; IDENTIFY;
    OFFICE; CAMERA; SWITCH; MAINTAIN; OPERATE; MODE|
DC- S05; T01; T04; T05|
IC- <MAIN> G07D-009/00|
IC- <ADDITIONAL> G06F-019/00; G06T-007/00; G07F-007/12|
MC- <EPI> S05-D01C5A; T01-J05A1; T01-J10B2; T04-D02; T05-D01B; T05-L03C1|
FS- EPI||

 17/4/51   (Item 51 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1997-440378/199741|
DX- <RELATED> 1997-440345|
XR- <XRPX> N97-366285|

TI- Automatic transaction apparatus e.g. **automatic** teller machine for
financial institution e.g. bank - has guide display that shows and
inputs transaction indication of customer guidance screen when
transaction indication input is not done within predetermined time
after displaying customer guidance screen|
PA- OKI ELECTRIC IND CO LTD (OKID)|
NC- 001|
NP- 001|
PN- JP 9198545   A 19970731 JP 96208430   A 19960807 199741 B|
AN- <LOCAL> JP 96208430 A 19960807|
AN- <PR> JP 95299646 A 19951117|
FD- JP 9198545   A G07D-009/00|
LA- JP 9198545(7)|
AB- <BASIC> JP 9198545 A
     The apparatus has a service section (11) that enables display and
transaction indication input of a customer guidance screen.
     When the transaction indication is not input within predetermined
time after the display of the customer guidance screen, the transaction
indication of the customer guidance screen is input and shown by a
guide display. A video imaging unit processes the user **image data** .
In the event of the **iris** data not being deemed to be a recognised
user, then a more detailed instruction display menu is provided.
     ADVANTAGE - Provides image recognition process to customer
operation. Prevents switching of customer guidance screen display even
when input operation is delayed due to external factor. Reduces
manufacturing cost by preventing utilisation of special components.
     Dwg.1/12|
DE- <TITLE TERMS> AUTOMATIC; TRANSACTION; APPARATUS; AUTOMATIC; TELLER;
MACHINE; FINANCIAL; INSTITUTION; BANK; GUIDE; DISPLAY; SHOW; INPUT;
TRANSACTION; INDICATE; CUSTOMER; GUIDE; SCREEN; TRANSACTION; INDICATE;
INPUT; PREDETERMINED; TIME; AFTER; DISPLAY; CUSTOMER; GUIDE; SCREEN|
DC- T01; T05|
IC- <MAIN> G07D-009/00|
MC- <EPI> T01-G11C; T01-J10B2; T01-J12C; T05-L03C1; T05-L03C5|
FS- EPI||

17/4/52   (Item 52 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

IM- *Image available*
AA- 1996-311112/199632|
XR- <XRPX> N96-261456|
TI- Compression method for multiple quality transaction card images e.g.
for use at point-of-sale terminal - compressing image at highest
quality for target card but with code-book entries that are consistent
for different qualities|
PA- EASTMAN KODAK CO (EAST)|
AU- <INVENTORS> ELLSON R N; RAY L A; RA L A|
NC- 007|
NP- 005|
PN- EP 721174   A2 19960710 EP 95203638   A 19951227 199632 B|
PN- JP 8329169   A 19961213 JP 95337442   A 19951225 199709
PN- ZA 9509490   A 19970129 ZA 959490   A 19951108 199710
PN- CN 1137206   A 19961204 CN 96100605   A 19960105 199805
PN- US 5727089   A 19980310 US 95369015   A 19950105 199817|
AN- <LOCAL> EP 95203638 A 19951227; JP 95337442 A 19951225; ZA 959490 A
    19951108; CN 96100605 A 19960105; US 95369015 A 19950105|
AN- <PR> US 95369015 A 19950105|
CT- No-SR.Pub|
FD- EP 721174   A2 G07F-007/10

```
       <DS> (Regional): DE FR GB
FD- JP 8329169     A  G06F-019/00
FD- ZA 9509490     A  G06T-000/00
FD- US 5727089     A  G06K-009/36
FD- CN 1137206     A  H04N-001/41|
LA- EP 721174(E<PG> 12); JP 8329169(8); ZA 9509490(28); US 5727089(10)|
DS- <REGIONAL> DE; FR; GB|
AB- <BASIC> EP 721174 A
```
The system uses transaction cards of different storage capabilities. This can include a magnetic stripe card (10) and a smart card (10'). These cards are to be read by POS terminals (18,18') that have different **image** resolution capabilities. The **data** on the card is read and the maximum quality that can be handled by both card and reader is selected. The image is then generated at this quality level.

The code streams formed and recorded can have data recorded at defined or variable bit widths. The additional quality bits can be separately recorded from the low quality level bits. The code books used provide consistent display presentations.

USE/ADVANTAGE – E.g. for credit card, bank card for **ATM** machine and telephone card contg. user **data** such as portrait **image ,** **fingerprint** , retinal scan etc.. Allows for hierarchy of compression of digital images for reproduction on terminals of different capability i.e. can render image at different quality levels.

Dwg.1/8|

```
AB- <US> US 5727089 A
```
The system uses transaction cards of different storage capabilities. This can include a magnetic stripe card (10) and a smart card (10'). These cards are to be read by POS terminals (18,18') that have different **image** resolution capabilities. The **data** on the card is read and the maximum quality that can be handled by both card and reader is selected. The image is then generated at this quality level.

The code streams formed and recorded can have data recorded at defined or variable bit widths. The additional quality bits can be separately recorded from the low quality level bits. The code books used provide consistent display presentations.

USE/ADVANTAGE – E.g. for credit card, bank card for **ATM** machine and telephone card contg. user **data** such as portrait **image ,** **fingerprint** , retinal scan etc.. Allows for hierarchy of compression of digital images for reproduction on terminals of different capability i.e. can render image at different quality levels.

Dwg.4/8|

```
DE- <TITLE TERMS> COMPRESS; METHOD; MULTIPLE; QUALITY; TRANSACTION; CARD;
    IMAGE; POINT; SALE; TERMINAL; COMPRESS; IMAGE; HIGH; QUALITY; TARGET;
    CARD; CODE; BOOK; ENTER; CONSISTENT; QUALITY|
DE- <ADDITIONAL WORDS> POS|
DC- T01; T04; T05|
IC- <MAIN> G06F-019/00; G06K-009/36; G06T-000/00; G07F-007/10; H04N-001/41|
IC- <ADDITIONAL> G06T-009/00; G07C-009/00; G07F-007/12; G11B-000/00;
    H03M-007/30|
MC- <EPI> T01-H01B3A; T01-J10A1; T04-C01; T04-K; T05-H02C1; T05-H02C3|
FS- EPI||
```


```
   17/4/53      (Item 53 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1996-077205/199608|
DX- <RELATED> 1993-273082|
XR- <XRPX> N96-064259|
TI- Bio - metric measuring appts for recognising person's identity based
```

on measurement of person's hand - has image capturing device for
viewing hand portion and support device from given first direction and
illumination device for illuminating hand portion|
PA- BERGSTEDT L (BERG-I); FAULKNER K (FAUL-I); GROETZINGER R (GROE-I)|
AU- <INVENTORS> FAULKNER K W|
NC- 001|
NP- 001|
PN- US 5483601   A 19960109 US 92833015   A 19920210 199608 B
    <AN> US 94282210   A 19940728|
AN- <LOCAL> US 92833015 A 19920210; US 94282210 A 19940728|
AN- <PR> US 94282210 A 19940728; US 92833015 A 19920210|
FD- US 5483601   A G06K-009/00   CIP of application US 92833015
                CIP of patent US 5335288|
LA- US 5483601(25)|
AB- <BASIC> US 5483601 A
    The appts includes a device for producing and storing a silhouette
image of at least a portion of a person's hand including at least one
finger to provide a stored silhouette image. A device is used for
producing and storing a displacement image of the same portion of a
person' s hand to provide a stored displacement **image** from which
measurement **data** on finger height characteristics can be derived.
    The appts also incorporates a device for analysing the stored
silhouette image and the stored displacement image to produce hand
feature data. Such data includes hand feature data derived at least in
part from the measurement data on finger height characteristics derived
from the stored displacement image.
    USE/ADVANTAGE - For identification purposes in access control
systems, e.g. electronic fund transfers, **ATM** or confidential database
systems. Increased reproducibility of finger positioning relative to
location of structured light pattern elements and improved overall
discrimination capability.
    Dwg.5/21|
DE- <TITLE TERMS> BIO; METRIC; MEASURE; APPARATUS; RECOGNISE; PERSON;
    IDENTIFY; BASED; MEASURE; PERSON; HAND; IMAGE; CAPTURE; DEVICE; VIEW;
    HAND; PORTION; SUPPORT; DEVICE; FIRST; DIRECTION; ILLUMINATE; DEVICE;
    ILLUMINATE; HAND; PORTION|
DC- T04|
IC- <MAIN> G06K-009/00|
MC- <EPI> T04-D07C|
FS- EPI||

 17/4/54   **(Item 54 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1995-358304/199546|
DX- <RELATED> 1993-311977|
XR- <XRPX> N95-266307|
TI- Person identifying system using neural network - matches extracted data
    feature of input data with recorded data during evaluation by
    artificial neural network|
PA- US DEPT OF THE NAVY (USNA   )|
AU- <INVENTORS> COOPER P; FARSAIE A; KINZER D G|
NC- 001|
NP- 001|
PN- US N8322653   N 19950901 US 9328012   A 19930308 199546 B
    <AN> US 94322653   A 19941011|
AN- <LOCAL> US 9328012 A 19930308; US 94322653 A 19941011|
AN- <PR> US 94322653 A 19941011; US 9328012 A 19930308|
FD- US N8322653   N G06K-000/00   CIP of application US 9328012|

LA- US N8322653(10)|
AB- <BASIC> US N8322653 N
    The system (10) senses person identifying features, extracted from
e.g. a photograph, voice pattern, **fingerprint** and PIN personal
identification number . It digitises, preprocesses (14) and stores
the acquired data. Sets of numerical values are extracted (16) from the
data and processed by the artificial neural network (18) for
evaluation.
    The neural network forms a training set to process the extracted
data during a training phase. It compares between mass centres and
neuron centres adjusted to represent data. Features identifying a
person are determined and classified. The neural network provides
inputs for the person recognition readout (20) and feedback for the
preprocessing and feature extraction. Hence its operation is adjusted
in response to variations in the preprocessing and feature extraction.
    USE/ADVANTAGE - For **automatic teller** machine in bank. Reduced
computational complexity as uses artificial neural network-based system
so rapid and accurate recognition. Non-algorithmic method to adaptively
cluster data on people from few features.
    Dwg.1/3

DE- <TITLE TERMS> PERSON; IDENTIFY; SYSTEM; NEURAL; NETWORK; MATCH; EXTRACT
    ; DATA; FEATURE; INPUT; DATA; RECORD; DATA; EVALUATE; ARTIFICIAL;
    NEURAL; NETWORK|
DE- <ADDITIONAL WORDS> DATA; ACQUISITION; SYSTEM|

DC- S05; T01; T04|
IC- <MAIN> G06K-000/00|
MC- <EPI> S05-D01C5A; T01-J16C1; T04-D04|
FS- EPI||

17/4/55   (Item 55 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1995-241510/199532|
XR- <XRPX> N95-188222|
TI- Credit card user verification for cash register, **ATM** - has
    fingerprint data on card that is read and compared with output of
    fingerprint scanner|
PA- HEINZEN R (HEIN-I)|
AU- <INVENTORS> HEINZEN R|
NC- 001|
NP- 001|
PN- DE 4344608   A1 19950706 DE 4344608   A 19931224 199532 B|
AN- <LOCAL> DE 4344608 A 19931224|
AN- <PR> DE 4344608 A 19931224|
FD- DE 4344608   A1 G07C-009/00|
LA- DE 4344608(3)|
AB- <BASIC> DE 4344608 A
        The **credit** card (3) contains **data** relating to the account
    holder and also contains processed **fingerprint** data. When the card is
    used the **fingerprint** data is read (2) and is compared with direct
    fingerprint data obtained by pressing the finger against a scanner pad
    (5).
        ADVANTAGE - Used **fingerprint** data to identify user of credit
    card.
        Dwg.1/1|
DE- <TITLE TERMS> CREDIT; CARD; USER; VERIFICATION; CASH; REGISTER; **ATM** ;
    FINGERPRINT ; DATA; CARD; READ; COMPARE; OUTPUT; **FINGERPRINT** ; SCAN|
DC- T05|
IC- <MAIN> G07C-009/00|
MC- <EPI> T05-E; T05-L01B; T05-L03C5|
FS- EPI||

17/4/56   (Item 56 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1993-273082/199334|
DX- <RELATED> 1996-077205|
XR- <XRPX> N93-209701|
TI- **Biometric** measuring appts. for recognising identity of person used in
    e.g. **ATM** , electronic funds transfer of confidential data base -
    stores silhouette image of hand and displacement image of same portion,
    analyses both to produce hand feature data which is compared hand bd
    data with hand enrollment data|
PA- BERGSTEDT L C (BERG-I); FAULKNER K W (FAUL-I); GROETZINGER R (GROE-I);
    MAFSA MANAGEMENT & FINANCE SA (MAFS-N)|
AU- <INVENTORS> FAULKNER K W|
NC- 042|
NP- 009|
PN- WO 9316441   A1 19930819 WO 93US845   A 19930209 199334 B|
PN- AU 9336010   A 19930903 AU 9336010   A 19930209 199401

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PN- US 5335288    A  19940802 US 92833015   A  19920210 199430
PN- EP 630504     A1 19941228 EP 93904763   A  19930209 199505
    <AN> WO 93US845    A  19930209
PN- JP 7506917    W  19950727 JP 93514118   A  19930209 199538
    <AN> WO 93US845    A  19930209
PN- EP 630504     A4 19950524 EP 93904763   A          199615
PN- AU 668543     ·B  19960509 AU 9336010    A  19930209 199626
PN- EP 630504     B1 20000531 EP 93904763   A  19930209 200031
    <AN> WO 93US845    A  19930209
PN- DE 69328775   E  20000706 DE 628775     A  19930209 200039
    <AN> EP 93904763   A  19930209
    <AN> WO 93US845    A  19930209|
AN- <LOCAL> WO 93US845 A 19930209; AU 9336010 A 19930209; US 92833015 A
    19920210; EP 93904763 A 19930209; WO 93US845 A 19930209; JP 93514118 A
    19930209; WO 93US845 A 19930209; EP 93904763 A ; AU 9336010 A 19930209;
    DE 628775 A 19930209; EP 93904763 A 19930209; WO 93US845 A 19930209; EP
    93904763 A 19930209; WO 93US845 A 19930209|
AN- <PR> US 92833015 A 19920210|
CT- US 4573193; US 4720869; US 5073950; No-Citns.|
FD- WO 9316441    A1 G06K-009/00
    <DS> (National): AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL
    RO RU SD SK UA US
    <DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE
FD- AU 9336010    A  G06K-009/00   Based on patent WO 9316441
FD- EP 630504     A1 G06K-009/00   Based on patent WO 9316441
    <DS> (Regional): CH DE ES FR GB IT LI NL
FD- JP 7506917    W  G06T-007/00   Based on patent WO 9316441
FD- AU 668543     B  G06K-009/00   Previous Publ. patent AU 9336010
            Based on patent WO 9316441
FD- EP 630504     B1 G06K-009/00   Based on patent WO 9316441
    <DS> (Regional): CH DE ES FR GB .IT LI NL
FD- DE 69328775   E  G06K-009/00   Based on patent EP 630504
            Based on patent WO 9316441|
LA- WO 9316441(E<PG> 74); US 5335288(24); EP 630504(E<PG> 2); JP 7506917(22
    ); EP 630504(E)|
DS- <NATIONAL> AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL RO RU
    SD SK UA US|
DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; OA;
    PT; SE; LI|
AB- <BASIC> WO 9316441 A
```

The **biometric** appts. produces and stores a silhouette image of at least a portion of a person's hand including at least one finger. A displacement image of the same portion of the hand which can be correlated with the stored silhouette image is stored to provide measurement data on finger height characteristics.

The stored displacement and silhouette data are analysed to produce hand feature data, including data derived from finger height characteristics. Hand enrolment data comprising hand feature data obtained during an enrolment operation cycle is stored for comparison with hand bid data to decide on the basis of prearranged decision criteria whether the hand bid and hand enrolment data were produced by the same hand portion.

ADVANTAGE - Improved discrimination and accuracy in recognising person from hand geometry features.

Dwg.5/21|

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AB- <US> US 5335288 A
```

A system for producing and storing a silhouette image of at least a portion of a person's hand is combined with a system for producing and storing a structured light image of the same portion of a person's hand. An analyser analyses the stored images to produce hand feature **data** . The silhouette **image** provides finger silhouette feature data and the structured light image provides finger height characteristic

data.
     Hand feature data obtained during a hand enrolment operation cycle
is compared with hand feature data produced in a subsequent hand bid
operation cycle to determine if the person has previously been enrolled
on the apparatus.
     USE/ADVANTAGE - Recognises person's identity based on measurements
performed on person's hand, for electronic funds transfer, **ATM** or
confidential database systems. Provides finger height characteristics
in addition to other hand geometry.
     (Dwg.5/21|

```
DE- <TITLE TERMS> MEASURE; APPARATUS; RECOGNISE; IDENTIFY; PERSON; ATM ;
    ELECTRONIC; FUND; TRANSFER; CONFIDE; DATA; BASE; STORAGE; SILHOUETTE;
    IMAGE; HAND; DISPLACEMENT; IMAGE; PORTION; ANALYSE; PRODUCE; HAND;
    FEATURE; DATA; COMPARE; HAND; DATA; HAND; DATA|
DC- S05; T04|
IC- <MAIN> G06K-009/00; G06T-007/00|
IC- <ADDITIONAL> G01B-011/24; G07C-009/00|
MC- <EPI> S05-D01C5; T04-D03; T04-D04; T04-D07X|
FS- EPI||
```

17/4/57   (Item 57 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

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AA- 1987-223418/198732|
DX- <RELATED> 1982-L9993E; 1982-L9994E; 1984-158732; 1985-249064;
    1985-262978; 1986-075575; 1986-143864; 1986-218575; 1986-248301;
    1986-252034; 1987-050158; 1987-050159; 1987-079773; 1987-115922;
    1987-150714; 1987-228454; 1987-309022; 1987-362488; 1988-119582;
    1988-161692; 1988-197930; 1988-219902; 1988-242503; 1988-301854;
    1988-355839; 1989-039724; 1989-054176; 1990-044248; 1990-270109;
    1990-270177; 1990-305178; 1991-094267|
XR- <XRPX> N87-167079|
```
TI- Optically recorded data card transaction system - has data storage
    strip positioned on one side of card and **visually** readable
    information on other side|
```
PA- DREXLER TECHNOLOGY CORP (DRXL   )|
AU- <INVENTORS> DREXLER J|
NC- 004|
NP- 006|
PN- GB 2186236   A   19870812 GB 87589      A  19870112 198732 B|
PN- US 4745268   A   19880517 US 86822067   A  19860124 198822
PN- CA 1262776   A   19891107                            198949
PN- GB 2186236   B   19901128                            199048
PN- GB 2228712   B   19901128                            199048
PN- GB 2228821   B   19901128                            199048|
AN- <LOCAL> GB 87589 A 19870112; US 86822067 A 19860124|
AN- <PR> US 81238832 A 19810227; US 81238833 A 19810227; US 82443596 A
    19821122; US 85693856 A 19850122; US 85721384 A 19850409; US 86822067 A
    19860124; US 8731714 A 19870327|
FD- GB 2186236    A |
FD- US 4745268    A |
LA- GB 2186236(11); US 4745268(9)|
AB- <BASIC> GB 2186236 A
```
     The data card transaction system has wallet-size **visually**
information relating to a person is created no material disposed on
one side of a wallet-size card and machine readable information
relating to the person is recorded on a laser recordable optical data
storage strip disposed on the opposite side of the card. The **visually**
readable **information** may be a **fingerprint** or face photograph
created by conventional photography or with a laser. The data storage

strip is disposed in the card and is a pre-formed strip of laser recording material.

Information spots recorded on the strip may be insurance, medical, banking, security or other **transaction** information. The **machine** readable information and the **eye** readable information are read simultaneously by a pair of optical systems, one disposed on each side of the card.|

AB- <GB> GB 2228821 B

A method for recording personal information on a wallet-size **data** card comprising, creating **visually** readable **information** on an optical recording medium, the information relating to a person, disposing the **visually** readable **information** on a first side of a wallet-size card, disposing a laser recordable optical data storage lamella on a second side of the card, the second side being opposite to the first side, and recording information indicia related to the person onto the lamella, - by means of a laser.f

GB 2228712 B

A multilayer data card comprising, a planar substrate having opposed major surfaces, a layer of photosensitive material, photographically exposed and developed and disposed over at least part of a major surface of the substrate, the material layer bearing **visually** readable **information** , and a data storage layer disposed over a portion of the photosensitive material layer, the data storage layer being recordable in situ with a laser.l

GB 2186236 B

A data card transaction system comprising, a wallet-size card having opposed, planar, major surfaces, an in situ, laser recordable strip disposed on oen of the surfaces and a visually readable image disposed on a photographically exposed and)developed photosensitive material layer on the opposite one of the surfaces, and optical means for reading both sides of the card while the card remains operatively associated with the optical means.c|

AB- <US> US 4745268 A

Visually readable **information** relating to a person is created on material disposed on one side of a wallet-size card, and machine readable information relating to the person is recorded on a laser recordable optical data storage strip disposed on the opposite side. The **visually** readable **information** may be a **fingerprint** or face photograph created by conventional photography or with a laser.

The data storage strip is disposed in the card and may be a pre-formed strip of laser recording material. Information spots recorded on the strip may be insurance, medical, banking, security or other transaction information. Both the machine readable information and the **eye** readable information are read simultaneously by two optical system, one disposed on each side of the card.|

DE- <TITLE TERMS> OPTICAL; RECORD; DATA; CARD; TRANSACTION; SYSTEM; DATA; STORAGE; STRIP; POSITION; ONE; SIDE; CARD; VISUAL; READ; INFORMATION; SIDE|

DC- P76; T04|

IC- <ADDITIONAL> B42D-015/02; B42D-201/00; B42D-203/00; B42D-219/00; G06K-019/00; G11B-007/24; G11B-023/40|

MC- <EPI> T04-C|

FS- EPI; EngPI||

17/4/58   (Item 1 from file: 344)
DIALOG(R)File 344:Chinese Patents Abs
(c) 2003 European Patent Office. All rts. reserv.

4323393
FINGERPRINT RECOGNIZER WITH PAGER AND ITS WIRELESS REMOTE CONTROL SYSTEM
Abstract: A fingerprint recognizer with pager and its wireless remote

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controller for loading money to ATM of bank automatically by recognizing fingprint and opening its door features that the said fingerprint recognizer has a built-in wireless pager. The fingerprint information of somerone is transmitted to the paging station via input device, and it is then transmitted to the pointed pager. The pager can forward the image or data information to the fingerprint recognizer which can open the door of ATM for someone at pointed time.

17/4/59   (Item 1 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- OPERATING SYSTEM OF AUTOMATIC **TRANSACTION   DEVICE**
PN- 2002-269620 -JP 2002269620 A-
PD- September 20, 2002 (20020920)
AU- SHIGEMI KAZUHIKO
PA- OKI ELECTRIC IND CO LTD
AN- 2002-047902 -JP 20022047902-
AN- 2002-047902 -JP 20022047902-
AN- Division of 09-073751 [JP 9773751]
AD- March 26, 1997 (19970326)
G07D-009/00
AB- PROBLEM TO BE SOLVED: To realize an effective operation of an automatic
     transaction   device by grasping the situation of the automatic
     transaction   device by a portable monitor board. SOLUTION: An
     identification   information by an **iris** is prepared from an image
     of **eyes** of an operator photographed by a camera 11 of the monitor
     board 10 and is transmitted to a radio communication device 7 of the
     automatic **transaction   device** 1 with an instruction information
     against the automatic **transaction   device** 1 by a radio
     communication device of the monitor board 10. An **identification**
     information registered in a control part 8 of the automatic
     transaction   device 1 is compared with the **identification**
     information transmitted from the monitor board 10. When the
     identification   information is correct, a transmission of the
     information regarding the situation of the automatic **transaction**
     device to the monitor board 10 and a device action regarding a use
     of the automatic **transaction   device** 1 and a device action
     regarding a contact of a person with a medium in the device are
     executed corresponding to a level of the operator. COPYRIGHT:
     (C)2002,JPO

17/4/60   (Item 2 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- CASHING PROCESSING SYSTEM USING TRANSACTION MEDIUM
PN- 2002-092327 -JP 2002092327 .A-
PD- March 29, 2002 (20020329)
AU- SEKIGUCHI KATSUMI
PA- TECHNO WARE KK
AN- 2000-284204 -JP 2000284204-
AN- 2000-284204 -JP 2000284204-
AD- September 19, 2000 (20000919)
G06F-017/60; G07D-009/00; G07F-019/00
AB- PROBLEM TO BE SOLVED: To provide a casing processing system capable of
     executing a wide cashing beyond the frame of a specific financial
     institute based on a realizable property between wide ranges
     possessed by individual owners. SOLUTION: This cashing processing
     system has a database storing information of arbitrary kind of
     realizable property by owners, a card C storing each **identification**
     information issued by owners, and a **fingerprint** detector 12 for

confirming an owner of the card C. The system further has an **automatic teller** machine 1, namely a casing processing means for reading or writing information from or into the card C, recognizing information of arbitrary kind of realization fund by owners related to the card C of which owner is confirmed by the **fingerprint** detector 12, presenting a loanable amount and a loaned amount to the owner using the realizable property as a security, and executing a cash loaning processing within the loanable amount or cash replaying processing corresponding to the loaned amount in response to a selection of the owner. COPYRIGHT: (C)2002,JPO

17/4/61   (Item 3 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- PRESENT SITUATION REPORTING SYSTEM FOR CONSTRUCTION SITE AND THE LIKE
PN- 2002-015054 -JP 2002015054 A-
PD- January 18, 2002 (20020118)
AU- UENO HIROMASA
PA- HANABISHI GROUP KK
AN- 2000-197849 -JP 2000197849-
AN- 2000-197849 -JP 2000197849-
AD- June 30, 2000 (20000630)
G06F-017/60
AB- PROBLEM TO BE SOLVED: To enable a customer to confirm a present site
     situation in real time as he sits, in addition, with his **eyes**
     . SOLUTION: A site dispatched department 1 that is resident at a
     construction site or the like takes a picture of the present
     situation of a predetermined spot in the site with a digital camera
     2, and transmits the **image** to an **information** management head
     office 4. The information management head office 4 displays the
     transmitted image on a home page 6 for the customer, or transmits the
     image to the customer by e-mail. The customer views the home page 6
     of the information management head office 4 with a computer 9 or an
     i - mode cell phone owned by the customer, or receives the
     transmission from the information management head office 4 to view
     the image. COPYRIGHT: (C)2002,JPO

17/4/62   (Item 4 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- PORTABLE PERSONAL IDENTIFICATION DEVICE AND ELECTRONIC SYSTEM TO WHICH
     ACCESS IS PERMITTED BY THE SAME DEVICE
PN- 2001-092786 -JP 2001092786 A-
PD- April 06, 2001 (20010406)
AU- SAWAGUCHI TAKASHI
PA- MIZOBE TATSUJI; SAWAGUCHI TAKASHI
AN- 11-271022 -JP 99271022-
AN- 11-271022 -JP 99271022-
AD- September 24, 1999 (19990924)
G06F-015/00; G06F-017/60; G06F-019/00; H04Q-007/38; H04L-009/32
AB- PROBLEM TO BE SOLVED: To provide a portable personal identification
     device capable of performing personal identification to be essential
     in future society anywhere, being used for every use and an
     electronic system to which access is permitted by the device.
      SOLUTION: At least one biological characteristic of biometalics
     identification such as **fingerprints** , voiceprints, **iris** pattern as
     the biological characteristics is used as a means to identify the
     individual by using mobile equipment such as a cellular phone and a
     PDA by defining the portable personal identification device as a
     portable communication terminal 51. In addition, a function like an

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electronic **wallet** conventionally provided to an IC card, etc., is included in the portable communication terminal (portable personal identification device) and unitary management as the **electronic wallet** is realized by connecting the terminal with **ATM** equipment, etc. Furthermore, certainty of information is enhanced by using the portable communication terminal (portable personal identification device) for personal identification for releasing emergency contact in a notification system. COPYRIGHT: (C)2001,JPO

17/4/63 **(Item 5 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- CUSTOMER FACE RECOGNIZING METHOD FOR BANK TRANSACTION SYSTEM
PN- 2000-251077 -JP 2000251077 A-
PD- September 14, 2000 (20000914)
AU- GOON YON BAKU
PA- CHONHO COMPUTER CO LTD
AN- 11-162927 -JP 99162927-
AN- 11-162927 -JP 99162927-
AD- June 09, 1999 (19990609)
PR- 9906197 [KR 996197], KR (Korea) Republic of, February 24,
      1999 (19990224); 9909897 [KR 999897], KR (Korea) Republic of, March
      23, 1999 (19990323)
G06T-007/00; G06F-019/00; G06T-001/00; G07F-007/12
AB- PROBLEM TO BE SOLVED: To stop the transaction by an **automatic teller**
      machine of a financial institution when the face shape of a
      photographed customer is not normal by judging whether or not an
      image of the **eyes** and mouth is accurately detected in a
      photographed image of the customer. SOLUTION: An image recognition
      part 140 determines a block which is possible a face candidate and
      larger than a previously set size by using **image data** of specific
      size outputted from a data conversion part 130 and finds the number
      and sizes of determined solid bodies. Outline points of the
      determined solid bodies are used and figures which are possibly **eyes**
      and a mouth are compared with previously set condition values of the
      eyes and mouth to calculate the degrees of face recognition of the
      candidate solid bodies, thereby extracting only the face candidate
      solid bodies of the customer. The degrees of face recognition which
      are thus extracted are compared with the previously reference set
      degrees of face recognition and when the degree of face recognition
      of a candidate solid body is smaller than the previously set
      reference degree of face recognition, a face state wherein one of the
      eyes and mouth is cut off is recognized to output a transaction
      stop control signal to a transaction processing part 150. COPYRIGHT:
      (C)2000,JPO

17/4/64 **(Item 6 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- DATA ARITHMETIC PROCESSOR INCLUDING OUTPUT DISPLAY AND **AUTOMATIC TELLER** MACHINE
PN- 2000-187472 -JP 2000187472 A-
PD- July 04, 2000 (20000704)
AU- NAKISA RAMIN C
PA- NCR INTERNATL INC
AN- 11-105822 -JP 99105822-
AN- 11-105822 -JP 99105822-
AD- April 13, 1999 (19990413)
PR- 9808024 [GB 988024], GB (United Kingdom), April 17, 1998 (19980417)
G09G-005/00; G06F-019/00; G07D-009/00

AB- PROBLEM TO BE SOLVED: To provide a data arithmetic processor including an output display which displays information visible to a user of the **automatic teller** machine viewing it although the **information** is outside the **visual** field of a bystander. SOLUTION: This device is equipped with a manual data input means, a data processor 17 which processes input information, and an output display which presents its output data, and the output display is equipped with an ordinary cathode-ray tube display and an additional image projector which can be so controlled as to display individual data while so controlled as to display the individual **information** outside the **visual** field of a bystander. The image projector includes a couple of light sources 19 which are so installed as to project light beams focused on a view point in a prescribed visual field in front of the **automatic teller** machine. Modulating means 17 and 21 modulate the light beams and transmit **images** of the output **data** to the viewpoint. A light beam is so focused as to pass through the pupil of one **eye** and form an image on the retina without any mediating screen. COPYRIGHT: (C)2000,JPO

17/4/65   (Item 7 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- ACCESS CONTROL SYSTEM AND ACCESS CONTROL METHOD
PN- 11-280317 -JP 11280317 A-
PD- October 12, 1999 (19991012)
AU- HSU SHI-PING; EVANS BRUCE W; MESSENGER ARTHUR F; ZSOLNAY DENES L
PA- TRW INC
AN- 10-352685 -JP 98352685-
AN- 10-352685 -JP 98352685-
AD- December 11, 1998 (19981211)
PR- 995328 [US 995328], US (United States of America), December 22, 1997 (19971222)
E05B-049/00; G06F-015/00; G06F-019/00; G07D-009/00; G07F-019/00
AB- PROBLEM TO BE SOLVED: To obtain safety and convenience to an access system to a building or a machine such as an **automatic teller** machine(**ATM**). SOLUTION: When a user 10 holds or bears an identification badge 18 containing a transponder and approaches an access-controlled door 12, a temporary **identification data** is transmitted to an access controller 14. The access controller 14 accesses a **fingerprint** data base by using a temporary **identification data** such as a customer number or an employee number, and calls a reference **fingerprint** data beforehand stored in the **fingerprint** data base. The called reference **fingerprint** data is compared with an object **fingerprint** image obtained from the user 10 through a **fingerprint** sensor 16 for the door by a **fingerprint** collator, the temporary **identification data** is confirmed, and the user is accessed to a permitted door or machine. COPYRIGHT: (C)1999,JPO

17/4/66   (Item 8 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- OPERATION SYSTEM FOR AUTOMATIC **TRANSACTION DEVICE**
PN- 10-269412 -JP 10269412 A-
PD- October 09, 1998 (19981009)
AU- SHIGEMI KAZUHIKO
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)
AN- 09-073751 -JP 9773751-
AN- 09-073751 -JP 9773751-

AD- March 26, 1997 (19970326)
IC- -6- G07D-009/00; G07D-009/00; G07D-009/00; G06F-019/00
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION
    PROCESSING -- Computer Applications)
KW- R011 (LIQUID CRYSTALS); R087 (PRECISION MACHINES -- Automatic
    Banking)
AB- PROBLEM TO BE SOLVED: To effectively operate an automatic **transaction**
    device by grasping the state of automatic **transaction** **device** on
    a monitor panel.

    SOLUTION: The **identification** **information** by an **iris** is prepared
    from the image of operator's **eye** photographed by a camera 11 on a
    monitor panel 10, the **identification** **information** is transmitted
    to radio communication equipment 7 of automatic **transaction** **device**
    1 by the radio communication equipment of monitor panel 10 together
    with the instruction information to the automatic **transaction**
    device 1, the **identification** **information** registered by a control
    part 8 of automatic **transaction** **device** 1 is collated with the
    identification **information** sent from the monitor panel 10 and when
    this **identification** **information** is proper, corresponding to the
    level of this operator, the transmission of information concerning
    the state of automatic **transaction** **device** 1, the operation of
    device concerning the operation of automatic **transaction** **device** 1
    and the operation of device concerning the contact of human being
    with a medium in the device are executed.

17/4/67 **(Item 9 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **AUTOMATIC** **TELLER** MACHINE AND ITS SYSTEM
PN- 10-134229 -JP 10134229 A-
PD- May 22, 1998 (19980522)
AU- NISHIYAMA TADASHI; SUTANI MASASHI
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
    JP (Japan)
AN- 08-303843 -JP 96303843-
AN- 08-303843 -JP 96303843-
AD- October 30, 1996 (19961030)
IC- -6- G07D-009/00; G06F-017/60; G06F-019/00; G06T-007/00
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION
    PROCESSING -- Computer Applications); 45.9 (INFORMATION PROCESSING
    -- Other)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
AB- PROBLEM TO BE SOLVED: To surely recognize a customer to be the true
    owner of the card by collating **fingerprint** data registered in a
    card thrown in by the customer and **fingerprint** data acquired from
    the finger of the customer himself so as to execute transaction based
    on the result.

    SOLUTION: **Fingerprint** data of the user 2 registered in advance is
    stored in the memory of the card 9. A card reading part 11 is
    provided with a function loading the card 9 and accessing to the
    storing area of the memory to read **fingerprint** data. When the user
    2 puts a corresponding finger or hand, a **fingerprint** scanner reads
    the **image** **data** and executes prescribed processing to obtain
    fingerprint data. A collating part 13 receives the outputs of the
    part 11 and a **fingerprint** reading part 12, compares **fingerprint**
    data inputted from each of them and outputs their coinciding degree
    as a result. A transaction control part 14 starts transaction when
    the part 13 recognizes the user 2 to be the true owner of the card 9
    as the result of **fingerprint** collation.

17/4/68   (Item 10 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC **TRANSACTION   DEVICE**
PN- 09-305834 -JP 9305834 A-
PD- November 28, 1997 (19971128)
AU- KOSHIDA YOSHINORI
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 08-120007 -JP 96120007-
AN- 08-120007 -JP 96120007-
AD- May 15, 1996 (19960515)
IC- -6- G07D-009/00; A61B-005/117
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 28.2 (SANITATION
      -- Medical)
KW- R007 (ULTRASONIC WAVES); R087 (PRECISION MACHINES -- Automatic
      Banking); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)
AB- PROBLEM TO BE SOLVED: To unconsciously sample the possession of **iris**
      data when identifying a customer from the **iris** data.

        SOLUTION: Concerning an automatic **transaction   device** which has a
      card processing part 2 for reading stored information from an IC card
      inserted from a card insert/return port and a video input processing
      part for photographing the **iris** image of the client through a
      camera 13a and working that **image** into **iris   data** and
      identifies the client from the **iris** data, the camera 13a is
      provided near the upper part of the card insert/return port in order
      to sample the **iris** data. When the IC card is inserted, the **eye** of
      the client is photographed by the camera 13a and image processing is
      performed.

17/4/69   (Item 11 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND DEVICE FOR IDENTIFYING **IRIS**
PN- 09-305765 -JP 9305765 A-
PD- November 28, 1997 (19971128)
AU- HOSHINO TADAHIRO
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 08-120006 -JP 96120006-
AN- 08-120006 -JP 96120006-
AD- May 15, 1996 (19960515)
IC- -6- G06T-007/00; A61B-005/117; G07D-009/00
CL- 45.9 (INFORMATION PROCESSING -- Other); 28.2 (SANITATION -- Medical);
      29.4 (PRECISION INSTRUMENTS -- Business Machines)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
AB- PROBLEM TO BE SOLVED: To improve the rate of recognition by removing an
      image which is imprinted into a subject by the reflection of
      environmental light.

        SOLUTION: An **iris** identifying device 1 is integrated into an
      automatic   teller machine 2 and the **iris** identifying device 1 is
      provided with a camera 3 for shooting the **iris** of a person to be
      identified and an illumination 7 for irradiating the **iris** with
      light at the time of shooting. Before a transaction, the illumination
      7 is turned off and when the person to be identified gets closer, the
      iris is shot by the camera 3. Then, the illumination 7 is turned
      on, the **iris** is shot and the difference is found from two pieces of

aquired **image** **data** . This difference is the image of reflected
light of an indoor illumination 11. Thus, the reflected component is
removed.

17/4/70 **(Item 12 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- ELECTRONIC PURSE SYSTEM
PN- 09-259197 -JP 9259197 A-
PD- October 03, 1997 (19971003)
AU- SARUTANI MAKOTO
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 08-066046 -JP 9666046-
AN- 08-066046 -JP 9666046-
AD- March 22, 1996 (19960322)
IC- -6- G06F-019/00; A61B-005/117; G07F-007/08
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2
      (SANITATION -- Medical); 29.4 (PRECISION INSTRUMENTS -- Business
      Machines)
KW- R007 (ULTRASONIC WAVES); R087 (PRECISION MACHINES -- Automatic
      Banking); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)
AB- PROBLEM TO BE SOLVED: To provide an electronic purse system with which
      a security effect is improved by providing plural password numbers
      and enabling them to be updated (change).

      SOLUTION: While using a customer card (IC card) 8 storing two of a
      password number A for charge transaction by electronic money and a
      password number B for pay transaction by electronic money, the
      transaction is permitted by the password number matched with each
      transaction. Besides, the password number can be changed by using an
      automatic **teller** machine. In this case, the customer is
      identified by the **iris** **data** of that customer, and these data are
      collated with **iris** data 12c stored and registered in the customer
      card 8, and when the oustomer is identified as the same person, the
      password number can be changed into any new password number even
      without inputting the current password number.

17/4/71 **(Item 13 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **IRIS** RECOGNITION SYSTEM
PN- 09-201348 -JP 9201348 A-
PD- August 05, 1997 (19970805)
AU- MATSUSHITA MITSUJI
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 08-014231 -JP 9614231-
AN- 08-014231 -JP 9614231-
AD- January 30, 1996 (19960130)
IC- -6- A61B-005/117
CL- 28.2 (SANITATION -- Medical)
KW- R007 (ULTRASONIC WAVES); R011 (LIQUID CRYSTALS); R087 (PRECISION
      MACHINES -- Automatic Banking)
AB- PROBLEM TO BE SOLVED: To prevent sensitivity-of a camera from saturated
      by a light generated from lighting reflected on the **iris** by
      providing a luminous energy adjustment means which makes the luminous
      energy variable in a place where the person to be discriminated is
      present in a device for picking up the **iris** of a person to be
      discriminated by a camera and recognize the person to be

discriminated from its **image data** .

SOLUTION: In the case of installing an **iris** recognition system in an **ATM** (**automated teller** machine), when a customer 33 approaches in front of the **ATM** 1 and an approach detector 17 detects the customer 33, a photographing instruction is issued to an image photographing part 13. When the image photographing part 13 collects the surrounding moving **image data** and judges it to be a human body, the image processing part 13 extracts the face of the customer 33, the positions of the **eyes** are specified, and a camera 13a is zoomed up so as to photograph the **iris** . When the approval information of aquisition of the **iris** data is received, the lighting 32 is turned off for approximately 0.5 second, and then the **iris** data is obtained in such a state as eliminating the lighting 32 from reflected on the pupil of the customer 33. This **iris** data is compared to the **image data** of the **iris** read from the ID number of an ID card so that the propriety of the customer is judged.

17/4/72   (Item 14 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **AUTOMATIC TELLER** MACHINE
PN- 09-198545 -JP 9198545 A-
PD- July 31, 1997 (19970731)
AU- SARUTANI MAKOTO
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 08-208430 -JP 96208430-
AN- 08-208430 -JP 96208430-
AD- August 07, 1996 (19960807)
IC- -6- G07D-009/00
CL- 29.4   (PRECISION INSTRUMENTS -- Business Machines)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
AB- PROBLEM TO BE SOLVED: To easily perform a transaction even when a
      customer who uses an **ATM** is inexperienced in an operation.

SOLUTION: When the customer approaches the front of the **ATM** 1 prior to the transaction, it is informed that the customer enters the prescribed distance range of the **ATM** 1 by an approach detector 17 and a photographing instruction is generated to a video photographing part 13 by a main control part 18. The video photographing part 13 samples the moving **image data** of the surroundings, the customer is **identified** by **iris data** , the movement (gesture) of the customer is monitored and detailed customer guidance screen display is performed only in the case of judging that the customer who uses the **ATM** 1 is inexperienced in the operation.

17/4/73   (Item 15 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- CUSTOMER RECOGNITION PROCESSING SYSTEM
PN- 09-160879 -JP 9160879 A-
PD- June 20, 1997 (19970620)
AU- NAOI TAKANORI
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
      JP (Japan)
AN- 07-345865 -JP 95345865-
AN- 07-345865 -JP 95345865-
AD- December 08, 1995 (19951208)
IC- -6- G06F-015/00; G06F-019/00; G06T-007/00; G07D-009/00

CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
(PRECISION INSTRUMENTS -- Business Machines); 45.9 (INFORMATION
PROCESSING -- Other)
KW- R007 (ULTRASONIC WAVES); R087 (PRECISION MACHINES -- Automatic
Banking)
AB- PROBLEM TO BE SOLVED: To improve the operability by customer and to
shorten the waiting time.

SOLUTION: An automatic **transaction device** 1 is provided with a
characteristic data obtaining part 12 which detects the approach of a
customer and obtain characteristic **data** from an **eye image** .
Thus, the customer is recognized and customer information is
previously received from a host computer before the customer starts
an operation. Therefore, even when the customer starts a transaction
and requires the payment transaction, for example, the automatic
transaction device 1 can complete the transaction by itself
without requesting customer information, etc., to the host computer.

17/4/74   (Item 16 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC TRANSACTION SYSTEM AND INDIVIDUAL IDENTIFICATION METHOD
PN- 09-106470 -JP 9106470 A-
PD- April 22, 1997 (19970422)
AU- MORI TORU; SUDO SHINICHI
PA- OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation),
JP (Japan)
AN- 07-262737 -JP 95262737-
AN- 07-262737 -JP 95262737-
AD- October 11, 1995 (19951011)
IC- -6- G07D-009/00; G06F-015/00; G06F-019/00; G06T-007/00
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION
PROCESSING -- Computer Applications); 45.9 (INFORMATION PROCESSING
-- Other)
KW- R007 (ULTRASONIC WAVES); R087 (PRECISION MACHINES -- Automatic
Banking); R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)
AB- PROBLEM TO BE SOLVED: To prevent illegal transaction processing by
excluding a doubtful person by providing an attention calling means
for calling the attention of a handling person when the handling
person wears sunglasses.

SOLUTION: An **automatic teller** machine(**ATM**) 1 can not sample
iris data sometimes. When the handling person wears the sunglasses,
for example, a display (display input part) 4 is made dark so that
the handling person may put off the subglasses unconsciously.
Besides, a message such as 'Please put off your sunglasses' is
displayed on the display input part 4 so that the handling person may
put off the sunglasses positively. Further, when the handling person
wear a patch on his/her **eye** , transaction processing can be
performed by a personal **identification number** but transaction
processing requiring high security is disabled. Then, the **iris** data
of an **eye** not covered with the patch are stored in a transaction
data recording part and when any illegal transaction processing is
generated, it is proved that transaction processing is not
transaction processing due to the customer himself/herself.

17/4/75   (Item 17 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC **TRANSACTION MACHINE**

PN- 05-334527 -JP 5334527 A-
PD- December 17, 1993 (19931217)
AU- KAIGA TOSHIYUKI
PA- MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation),
      JP (Japan)
AN- 04-163404 -JP 92163404-
AN- 04-163404 -JP 92163404-
AD- June 01, 1992 (19920601)
IC- -5- G07D-009/00; G06F-015/30; G06F-015/30
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION
      PROCESSING -- Computer Applications)
KW- R087 (PRECISION MACHINES -- Automatic Banking); R131 (INFORMATION
      PROCESSING -- Microcomputers & Microprocessers)
SO- Section: P, Section No. 1715, Vol. 18, No. 172, Pg. 52, March 23, 1994
      (19940323)
AB- PURPOSE: To prevent an **identification** **number** from being stolen by
      preventing the input operation of the **identification** **number** at
      the time of transaction by a user from being viewed by others.

      CONSTITUTION: A polarization sheet is provided for a touch panel 1A
      where the **identification** **number** is inputted on a display means 1
      and a ten keyboard 36 for inputting the **identification** **number** is
      provided for the recessed part 37 of a case 22 so as to interrupt the
      visual field from a direction except for the direction of user's
      eyes .

  17/4/76   **(Item 18 from file: 347)**
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC CASH **TRANSACTION** **MACHINE**
PN- 05-089324 -JP 5089324 A-
PD- April 09, 1993 (19930409)
AU- TAKANE HIROYUKI
PA- NEC ENG LTD [329822] (A Japanese Company or Corporation), JP (Japan)
AN- 03-276143 -JP 91276143-
AN- 03-276143 -JP 91276143-
AD- September 30, 1991 (19910930)
IC- -5- G07D-009/00; G06F-015/30; G07F-007/12
CL- 29.4 (PRECISION INSTRUMENTS -- Business Machines); 28.2 (SANITATION
      -- Medical); 45.4 (INFORMATION PROCESSING -- Computer Applications)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
SO- Section: P, Section No. 1590, Vol. 17, No. 435, Pg. 121, August 11,
      1993 (19930811)
AB- PURPOSE: To aid the police in searching an identified criminal or a
      missing person, etc., by adopting a collating system using a
      fingerprint .

      CONSTITUTION: This **automatic** **teller** machine is constituted of a
      personal **identification** **number** input part 1, a personal
      identification **number** collating part 2 to discriminate whether a
      personal **identification** **number** is correct or not, a **fingerprint**
      collating part 5 to discriminate whether the **fingerprint** of the
      fingerprint input part 4 is correct or not, a **fingerprint**
      discriminating part 6 to discriminate whether the **fingerprint** is
      that of the identified criminal or a missing person or not, a
      fingerprint storage part 7 in which the **fingerprint** **data** of the
      identified criminal or the missing person is stored, a report
      control part 8 to inform a person in charge on the ascertainment of
      the **fingerprint** of the identified criminal or the missing person,
      and a main control part 3. Thus, the identified criminal or the
      missing person, etc., can be searched. Besides, since only the

fingerprint is inputted instead of inputting the personal **identification number** , effect that time can be saved is attained.

17/4/77   (Item 19 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- ALARMING DEVICE
PN- 05-035992 -JP 5035992 A-
PD- February 12, 1993 (19930212)
AU- INAZAKI KENZO; TAKEMURA KINYA
PA- SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)
AN- 03-187383 -JP 91187383- .
AN- 03-187383 -JP 91187383-
AD- July 26, 1991 (19910726)
IC- -5- G08B-023/00; G06F-015/30; G06F-015/62; G06F-015/62; G08B-015/00;
     H04N-007/18
CL- 44.9 (COMMUNICATION -- Other); 44.6 (COMMUNICATION -- Television);
     45.4 (INFORMATION PROCESSING -- Computer Applications)
KW- R087 (PRECISION MACHINES -- Automatic Banking); R101 (APPLIED
     ELECTRONICS -- Video Tape Recorders, VTR); R131 (INFORMATION
     PROCESSING -- Microcomputers & Microprocessers)
SO- Section: P, Section No. 1561, Vol. 17, No. 329, Pg. 10, June 22, 1993
     (19930622)
AB- PURPOSE: To raise an alarm at real time in respect to a suspicious
     person by judging the degree of detecting the respective feature
     parts of the face from fetched **image information** and raising the
     alarm according to the judged result.
     CONSTITUTION: An automatic cash dispending corner 1 and a control
     room 2 are equipped with a main body 12 of an **automatic teller**
     machine, operating part 13, video camera 14 to monitor a user 11,
     video signal line 18, image processor 15, monitor display 16, video
     tape recorder 17 and alarm line 19 to the outside. For example, since
     one part of the face is frequently hidden by a person to use a stolen
     cash card while using a hat, sun glass or mask, etc., so as to hardly
     identify the face by the camera, the image fetched by the camera 14,
     etc., is processed by the image processor 15, when the **eyes** , ears
     or nose of the person's face can not be detected, the possibility of
     the suspicious person is judged and it is informed of a manager or
     the like. In this case, by judging the face while weighting the
     degree of detection, the possibility of the suspicious person is more
     exactly judged while considering individual difference.

17/4/78   (Item 20 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- TRANSACTION PROCESSING SYSTEM FOR BANKING ONLINE SYSTEM
PN- 04-310180 -JP 4310180 A-
PD- November 02, 1992 (19921102)
AU- MATSUBARA SHIGEO
PA- NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
AN- 03-075514 -JP 9175514-
AN- 03-075514 -JP 9175514- .
AD- April 09, 1991 (19910409)
IC- -5- G06F-015/30; G06F-015/62; G07D-009/00
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
     (PRECISION INSTRUMENTS -- Business Machines)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
SO- Section: P, Section No. 1504, Vol. 17, No. 132, Pg. 16, March 18, 1993
     (19930318)
AB- PURPOSE: To provide the banking online system which can easily and

safely utilize an **automatic tellers** machine (**ATM**).

CONSTITUTION: An **ATM** 8 is composed of a **fingerprint** reading mechanism 1 to read the image of an inputted **fingerprint** , transaction information fetching mechanism 3 to fetch transaction information and telegraphic message transmitting mechanism 2 to transmit telegraphic **information** composed of the **image information** of this **fingerprint** and the transaction information. A host system 9 collates the **image information** of the **fingerprint** in the telegraphic message **information** with the **image information** of a **fingerprint** in a master file 6 for collation by a **fingerprint** collating mechanism 4, takes out personal data corresponding to the **fingerprint** information, which shows coincidence in this collation, from this master file 6 for collation and transmits the information through a telegraphic message editing mechanism 5 to a work online system 7 together with the transaction information in the telegraphic message information. Based on this information, the work online system 7 executes transaction work.

17/4/79   (Item 21 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC CASH **TRANSACTION   MACHINE**
PN- 02-278460 -JP 2278460 A-
PD- November 14, 1990 (19901114)
AU- HATTORI HIROBUMI
PA- NEC ENG LTD [329822] (A Japanese Company or Corporation), JP (Japan)
AN- 01-102050 -JP 89102050-
AN- 01-102050 -JP 89102050-
AD- April 20, 1989 (19890420)
IC- -5- G06F-015/30; G06F-015/30; G06K-019/10; G07D-009/00; G07F-007/12
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
     (PRECISION INSTRUMENTS -- Business Machines); 45.3 (INFORMATION
     PROCESSING -- Input Output Units)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
SO- Section: P, Section No. 1161, Vol. 15, No. 44, Pg. 88, February 04,
     1991 (19910204)
AB- PURPOSE: To prevent an unauthorized usage by the other person without
     fail and to eliminate the need for remembering a personal
     identification   number by a user by using collation with a
     fingerprint .

     CONSTITUTION: A **fingerprint** collation part 5 receives **fingerprint**
     data, which are read from an IC card 2 by an IC card read part 3, and
     fingerprint data, which are read from the finger of the user by a
     fingerprint read part 4, and collates both **fingerprint** data. Then,
     it is confirmed that the **fingerprint** data is the **fingerprint** of
     the same person. Afterwards, a transaction possibility signal is
     generated and sent to a main control part 6. The main control part 6
     controls the execution of cash transacting operation only when the
     transaction possibility signal of the **fingerprint** collation part 5
     is received. Thus, since the collation of the **fingerprint** is used,
     the unauthorized usage by the other person is prevented without fail
     and it is unnecessary for the user to remember the personal
     identification   number .

17/4/80   (Item 22 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2003 JPO & JAPIO. All rts. reserv.|
TI- **AUTOMATIC   TELLER** MACHINE

PN- 62-267868 --JP 62267868 A-
PD- November 20, 1987 (19871120)
AU- HASEGAWA TAKESHI
PA- OMRON TATEISI ELECTRONICS CO [000294] (A Japanese Company or
      Corporation), JP (Japan)
AN- 61-110524   -JP 86110524-
AN- 61-110524   -JP 86110524-
AD- May 16, 1986 (19860516)
IC- -4- G06F-015/30; G07D-009/00; G07F-007/08
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4
      (PRECISION INSTRUMENTS -- Business Machines)
KW- R087 (PRECISION MACHINES -- Automatic Banking)
SO- Section: P, Section No. 699, Vol. 12, No. 151, Pg. 48, May 11, 1988
      (19880511)

AB- PURPOSE: To identify customers without using any identifying medium by
      providing an **identification data** reading part where the features
      of customer faces are read and a processing part where the customers
      are identified based on those feature data.

      CONSTITUTION: An **automatic teller** machine **ATM** contains a
      identification data reading camera 9 which includes a processing
      part 10. The camera 9 photographs the customer faces and the pictures
      obtained by the camera 9 are processed at the part 10. The part 10
      includes a microprocessor, a communication circuit, etc. This
      microprocessor functions to control the **ATM** and extract the
      features of the face contour, **eyes**, ears, mouth and nose out of the
      pictures received from the camera 9. Thus each customer is
      identified.

?

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?show files;ds
File   9:Business & Industry(R) Jul/1994-2003/Mar 17
          (c) 2003 Resp. DB Svcs.
File  20:Dialog Global Reporter 1997-2003/Mar 18
          (c) 2003 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2003/Mar 18
          (c) 2003 Financial Times Ltd
File 610:Business Wire 1999-2003/Mar 18
          (c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Mar 18
          (c) 2003 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2003/Mar 17
          (c) 2003 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2003/Mar 17
          (c) 2003 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2003/Mar 17
          (c) 2003 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
          (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
          (c) 1999 PR Newswire Association Inc


Set     Items   Description
S1      239633  (TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR
                MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOM-
                AT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS -
                OR PTD()S
S2       17988  I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR H-
                AND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(T-
                RANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(-
                4N)(INTERNET? OR WEB OR PORTAL)
S3      140079  (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR -
                REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? -
                OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4      106639  GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIREL-
                ESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNIC-
                ATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5       10155  EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICA-
                TION? OR WALLET)
S6        4185  DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTR-
                ONIC(3N)WALLET? OR SMART()OBJECT? ?
S7      428635  (AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CR-
                EDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR -
                COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR -
                IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8       33391  (TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTO-
                RY OR TRAIL)
S9     2817616  ENCRYPTION? OR KEY? ? OR SIGNATURE? ? OR CIPHER?
S10     910028  AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORI-
                S?
S11     233085  PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR P-
                ASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12    1408649  BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRIN-
                T? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13          0  AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR
                NIWA()SAN? OR MARITZEN?)
S14          0  S13 AND PA=SONY?
S15          0  S5(S)S14
S16        419  (S1:S3)(2S)S5
S17        366  (S1:S3)(S)S6
S18          3  S16:S17(S)(S7:S11)(S)S12
S19          3  S18 NOT S15
```

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S20      2870    S1(S)S12
S21         5    S5(S)S20
S22         4    S21 NOT (S18 OR S19)
S23         7    S18 OR S21 OR S22
S24         5    RD (unique items)
S25        20    (S1:S3)(2S)(S5:S6)(2S)(S7:S11)(2S)S12
S26        19    RD (unique items)
S27        15    S26 NOT S24
S28        21    S18:S19 OR S24 OR S25
S29        20    RD (unique items)
?t29/3,k/all
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29/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
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02216797 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Into the Future
(IBM develops the Fastgate system for faster and safer passenger processing
at airports; FAA purchases more than 50 InVision detection machines to be
distributed at US airports)
Travel Agent, v 291, n 6, p 36
July 13, 1998
DOCUMENT TYPE: Journal ISSN: 1053-9360 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 937

  (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...the World Travel and Tourism Council, IBM developed Fastgate, a
passenger-clearance system that uses **biometrics** (defined as physiological
properties that can be used to **verify** an individual's identity) to screen
travelers. Fastgate is already in use at the Bermuda International Airport.

In order to use Fastgate, passengers must allow such **biometric**
information as **fingerprints** , a voice print or hand geometry to be
recorded into a computer database. Once that...

...and Toronto-Pearson International, and last month was installed in Los
Angeles. INSPASS uses hand **biometrics** and an **ATM** -like **kiosk** .
Passengers swipe a card through the machine, which reads the **embedded**
biometric **data** , checks the person's identity, issues an entry document
and then opens the gate.

Some...

...screen passengers. According to IBM officials, face recognition is
perhaps the least reliable of the **biometric** sciences (which also include
voice sampling and **iris** /retina scans), because it can be affected by any
change in appearance, such as facial...

...of the same problems because voice quality is altered by accents,
volume, speed and phrasing.

Fingerprinting is already recognized as one of the best means of
identification (only DNA testing is better), and IBM is working on
technology that will allow airports to use improved **fingerprinting**
technology for identification purposes. IATA is developing a system for
using **iris** scans.

photo omitted

Of these identification methods, says Sharon Nunes, a senior manager in IBM
...

29/3,K/2   (Item 2 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01104279 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Technology: From gimmick to necessity - Smart cards are convenient, secure
  and increasingly seen as the way to pay**
**(European smart card market expected to reach $1.3 bil by 2000; French
  smart card banking system has already issued 21 mil cards)**
Financial Times London Edition, p 11
January 12, 1995
DOCUMENT TYPE: Business Newspaper ISSN: 0307-1766 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1245

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...way as traditional cash. Payments can be made from one card to another,
using an ' **electronic   wallet** '.

Smart cards are also being adopted in the credit and debit card business,
in the a personal identification number or by more advanced ' **biometric** '
data, such as **finger   prints** .
By using a sophisticated security encryption algorithm and a secret 'key',
smart bank cards have...

29/3,K/3   (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

27763958 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CIC's Signature Wallet Receives Product of the Year Award
PR NEWSWIRE (US)
February 26, 2003
JOURNAL CODE: WPRU   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 903

   (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   security and natural input solutions focused on emerging, high
potential applications   including paperless workflow, smart **wireless**
 devices and **e** - **Commerce** enabling the world with "The Power to Sign
Online(R)." CIC's products are designed...

29/3,K/4   (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

27629286
ARM And DDL Bring Voice Authentication Security To Smart Wireless Devices
HUGIN
February 19, 2003
JOURNAL CODE: FHUG   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 828

...RISC standard in such markets as portable communications, hand-held computing, multimedia digital consumer and **embedded** solutions. More **information** on ARM is available at http://www.arm.com/

29/3,K/5   (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

22832602   (USE FORMAT 7 OR 9 FOR FULLTEXT)
CIC Releases First Electronic Wallet for Mobile Devices With Biometric Protection
PR NEWSWIRE
May 16, 2002
JOURNAL CODE: WPRW   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 748

    (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   security and natural input solutions focused on emerging, fast growth applications including paperless workflow, smart **wireless** devices and **e - Commerce** enabling the world with "The Power to Sign Online(TM)." The Company's core software technologies include multilingual handwriting recognition systems, **biometric** signature verification, natural messaging, and operating system extensions that enable pen input. CIC's products...

29/3,K/6   (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

20032872   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Artic Web: Artic Web rebrands to become Altamedius; Leading provider of next generation payment technology for E and M commerce
M2 PRESSWIRE
November 28, 2001
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 765

    (USE FORMAT 7 OR 9 FOR FULLTEXT)

...   venture capital firm with over USD100m under management.
    About Enterprise Ireland
    Enterprise Ireland is an **Irish** government organisation created to assist the development of **Irish** business both nationally and internationally.
    Working in partnership with Irish companies, Enterprise Ireland provides a...

29/3,K/7   (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

16684092   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Keyware Introduces Smart Card Suite to the United States
BUSINESS WIRE
May 15, 2001
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 815

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...   access. Additionally, Smart-Universe is protected by Keyware's pioneering work in the field of **biometrics** , the technology of using an individual's personal characteristics for authentication purposes.
     " **Biometric** authentication can increase the comfort level for both users and information owners or sellers, since **fingerprints** , voice or facial characteristics are unique, hard to replicate, and very hard to loose," said...

... Smart-Universe is capable of operating on a variety of devices (PC, mobile phone, PSA, **ATM** , card reader) and networks (PSTN, VPN, www, satellite, GSM).
     In addition to this broad range...
... is able to offer state-of-the art security for smart cards. Keyware's Central **Authentication** Server (CAS), with Layered **Biometric Verification** (LBV) technology, allows organizations to manage all their **authentication** methods from one server. These methods include PKI, **biometrics** , smart cards, PINs and **passwords** . Keyware's CAS integrates into Internet and network security, physical access, telephony and smart card...

29/3,K/8   (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

14589901
New cell phones to ring in the new century
YOMIURI SHIMBUN/DAILY YOMIURI
January 11, 2001
JOURNAL CODE: FYOM   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1157

     ... unauthorized user if it were stolen. Therefore, a personal identification system using technology such as **fingerprint** data is needed to ensure the safe use of next-generation cell phones, analysts pointed...

29/3,K/9   (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

09744730 (USE FORMAT 7 OR 9 FOR FULLTEXT)
VERIDICOM: Veridicom's new fingerprint matching technology sets new standard for smart card security & privacy; Smart card leader Gemplus partnering with Veridicom to use match-on-card breakthrough for highly secure, PIN-less smart cards
M2 PRESSWIRE
February 24, 2000
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 851

     ... memory and microprocessor-based smart cards, smart contactless cards, smart card readers, electronic tags and **smart objects** into the communications, financial, transportation, education, healthcare, electronic commerce and Internet security marketplaces.

29/3,K/10   (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

05967732
ICL LAUNCHES NEW ATM APPLICATION, WINS IT CONTRACT
M2 PRESSWIRE
June 29, 1999
JOURNAL CODE: WMPR   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 118

... machines. The application combines smart card technology with account balance, transaction history and fingerprint reference **data embedded** on the smart card, and **fingerprint** recognition by a **fingerprint** scanner to provide **ATM** and cash-dispensing capabilities. The system will include both English- and Spanish-language options. Availability...

 29/3,K/11   (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext

0008033743 B0FALDBAC5FT
**Technology: From gimmick to necessity - Smart cards are convenient, secure
  and increasingly seen as the way to pay**
VANESSA HOULDER
Financial Times, P 11
Thursday, January 12, 1995
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
Word Count: 1,253

...way as traditional cash. Payments can be made from one card to another, using an ' **electronic   wallet** '.

Smart cards are also being adopted in the credit and debit card business, in the...

...Card holders can be identified by using a personal identification number or by more advanced ' **biometric** ' data, such as **finger   prints** .

By using a sophisticated security encryption algorithm and a secret 'key', smart bank cards have...

 29/3,K/12   (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire

00809627 20021112316B8026   (USE FORMAT 7 FOR FULLTEXT)
**Wave Systems Reports Q3 Results and Recent Launch of Secure Consumer
PC-Conference Call: Today, Tuesday, November 12, 2002 at 4:30 P.M. E.D.T
Webcast / Replay URL: http://www.wave.com Dial-in number: 212/346-0484 and
415/904-7323**
Business Wire
Tuesday, November 12, 2002 18:06 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,635

...manufacturers of input devices to develop trusted platforms which are flexible
and programmable to support **authentication** , logon, and identity vault requirements.

TrustEdge-enabled input devices are able to handle multi-factor...

...be integrated into a wide range of
input devices such as keyboards, smart card readers, **biometric** readers, cell
phones and GPS sensors. For more information about Wave Systems, visit
http://www...

29/3,K/13   **(Item 2 from file: 610)**
DIALOG(R)File 610:Business Wire
(c) 2003 Business Wire. All rts. reserv.

00520063 20010515135B0105   (USE FORMAT 7 FOR FULLTEXT)
**Keyware Introduces Smart Card Suite to the United States-Smart-Universe
Features State-of-the-Art Security for Electronic Payment, Physical Access,
Customer Loyalty, Ticketing and Identity**
Business Wire
Tuesday, May 15, 2001 08:32 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 813

 Biometric   authentication can increase the comfort level for both users
and
information owners or sellers, since **fingerprints** , voice or facial
characteristics are unique, hard to replicate, and very hard to loose,"
said...

...accessing private information."

Keyware provides basic applications and tailor-made solutions for the
following markets: **electronic** payments (Smart- **Wallet**), customer loyalty
(Smart-Shopper), secure identity (Smart-Identity), ticketing (Smart-Show)
and
physical access control...

...Smart-Universe is capable of operating on a variety of devices
(PC, mobile phone, PSA, **ATM** , card reader) and networks (PSTN, VPN, www,
satellite, GSM).

In addition to this broad range...

...is able to
offer state-of-the art security for smart cards. Keyware's Central
 Authentication Server (CAS), with Layered **Biometric   Verification**
(LBV)
technology, allows organizations to manage all their **authentication**
methods
from one server. These methods include PKI, **biometrics** , smart cards, PINs
and
 passwords . Keyware's CAS integrates into Internet and network security,
physical access, telephony and smart card....

29/3,K/14   **(Item 1 from file: 613)**
DIALOG(R)File 613:PR Newswire
(c) 2003 PR Newswire Association Inc. All rts. reserv.

00768017 20020516SFTH014   (USE FORMAT 7 FOR FULLTEXT)
CIC Releases First Electronic Wallet for Mobile Devices

PR Newswire
Thursday, May 16, 2002 09:02 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 759

TEXT:
Communication Intelligence Corporation ("CIC") (Nasdaq: CICI), the leader
in
electronic signature, **biometric** verification and natural input solutions,
announced today the introduction of a new security application named...

...information at their fingertips in an organized and secure
manner. By using our industry proven **biometric** signature technology we
have
dramatically enhanced the application security without requiring users to
remember, yet...

...name or draw an
image on their handheld screen."
    Signature Wallet uses CIC's patented **biometric** signature verification
technology to control access to the users private data. The data is
encrypted...

...still providing immediate access without significant
decryption times. This product goes beyond just protecting the **electronic
 wallet** as it allows users to secure their whole PDA by enabling
**biometric
 signature verification** to replace the existing **password** protection
system when
the device is first turned on.
    "We have experienced consistent growth with...

...channels for marketing and distribution of
these products to the growing base of Palm users."
     Signature Wallet is now available for $24.99 and can be purchased at
www.shopcic.com. For more information about **Signature** Wallet please
visit
www.cic.com or send email inquiries to sales@cic.com.

    About CIC
    Communication Intelligence Corporation is the leading supplier of
electronic **signature** , **biometric** security and natural input solutions
focused
on emerging, fast growth applications including paperless workflow, smart
 wireless devices and **e - Commerce** enabling the world with "The Power to
Sign
Online(TM)." The Company's core software technologies include multilingual
handwriting recognition systems, **biometric signature verification** ,
natural
messaging, and operating system extensions that enable pen input. CIC's
products are designed...

...Products are also available through major retail
outlets such as Circuit City, CompUSA, Staples, OfficeMax, **key**
integration
partners and direct via www.cic.com. Industry leaders such as Ericsson,
Fujitsu, Hitachi...

 29/3,K/15   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0563656
A BETTER PASSPORT: THE HUMAN HAND
Business Week May 2, 1994; Pg 132; Number 3369
Journal Code: BW   ISSN: 0007-7135
Section Heading: Personal Business: Travel
Word Count: 417   *Full text available in Formats 5, 7 and 9*

BYLINE:
Patrick Oster

TEXT:
... INS Passenger Accelerated Service System (INSPASS) allows you to use an
electronic hand reader to **verify** that you are who you say you are. The
key to the quick ID review is the human hand. Like **fingerprints** , every
hand pattern is unique. The INS digitally captures the design of a
participant's hand and **embeds** it on a **wallet** -size white plastic card,
which the traveler carries. Readers located in INS PASS **kiosks** at arrival
terminals then can identify the person by matching the print on the card...

29/3,K/16   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

05208527   Supplier Number: 67345551   (USE FORMAT 7 FOR FULLTEXT)
MOBILE DIARY.(News Briefs)
Mobile Communications Report, v14, n23, pNA
Nov 27, 2000
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 3299

...   produced 5.5% of average revenue per subscriber in period.   Chief
Executive Chris Gent said **mobile** data and **Internet** usage were up even
before launch of "more user- friendly" technologies that Vodafone planned
to...million of total would subscribe to its popular packet data- based
service i-mode. With **eye** on U.S. market, NTT DoCoMo reportedly has been
involved in talks with AT&T...

29/3,K/17   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

05138374   Supplier Number: 80376631   (USE FORMAT 7 FOR FULLTEXT)
Artic Web rebrands to become Altamedius; Leading provider of next
  generation payment technology for E and M -commerce.
M2 Presswire, pNA
Nov 28, 2001
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 873

...   content & services. The platform enables consumers to make secure
payments any time, anywhere in a **wireless** or **web** environment using new
(add-to-bill, micro- **payment**) and existing (credit and debit card, bank
account) payment methods. Altamedius is a privately held...

...venture capital firm with over USD100m under management.
        About Enterprise Ireland

Enterprise Ireland is an **Irish** government organisation created to assist the development of **Irish** business both nationally and internationally.
Working

29/3,K/18   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04996952   Supplier Number: 75161079 (USE FORMAT 7 FOR FULLTEXT)
KEYWARE UNVEILS MULTI-APPLICATION SMART CARD SUITE.
Card News, v16, n10, pNA
May 30, 2001
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 843

...   effort to build on its successes with smart cards in Europe, Woburn,·Mass.-based Keyware (**KEYW**), a provider of **biometric** and centralized **authentication** solutions, launched a suite of smart card applications in the U.S. The announcement, made...

...and addresses the growing role of multi-application smart cards and the need for greater **authentication** and security.
      -Smart-Universe is being targeted toward five markets: **electronic** payments (Smart- **Wallet**), customer loyalty (Smart-Shopper), secure identity (Smart-Identity), ticketing (Smart-Show) and physical access control...Smart- Universe is capable of operating on a variety of devices (PC, mobile phone, PSA, **ATM** , card reader) and networks (PSTN, VPN, www, satellite, GSM).
      The company is using its Central **Authentication** Server (CAS), with Layered **Biometric** **Verification** (LBV) technology to allow organizations to manage all their **authentication** methods from one server. These methods include PKI, **biometrics** , smart cards, PINs and **passwords** . Keyware's CAS integrates into Internet and network security, physical access, telephony and smart card applications.
      "Keyware is a **biometric** -enabling company and we are looking for people who can use **biometric** technologies for millions of users," said Francis Declercq, CEO, Keyware Technologies Corp. "We see a smart card being used by millions of users. Smart cards and **biometrics** go very well together because you put a **biometric** feature or **biometric** print on a smart card. You protect the privacy of the holder and you protect...

...can only be used if the owner of the card is present."
      Keyware contends that **biometric** authentication -- adding personal physical data such as **fingerprint** , voice and face verification -- to smart cards greatly improves the security of the card. It...

...algorithm, which creates a number that is encrypted and stored on the card. Comparing the **biometric** templates stored on the smart card chip with live **biometric** data captured at each transmission performs authentication. The user carries the card, but if it...

29/3,K/19   (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04850986   Supplier Number: 67342159 (USE FORMAT 7 FOR FULLTEXT)
Letter From London.
Bank Technology News, v13, n12, p81

Dec, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1490

...   enable them to share data from all interactions with customers.
       Ireland's largest bank, Allied **Irish** Banks (AIB), has dumped plans
to set up a stand-alone Internet bank in the...wallet, which enables member
banks to offer Eurocard- Mastercard holders security when shopping on the
Internet with a WAP mobile phone. The SET (secure **electronic**
transaction), server-based **wallet** **authenticates** all parties to the
transaction before purchases are made. Element wallet projects are being
piloted...

29/3,K/20   (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

04579111   Supplier Number: 59597313   (USE FORMAT 7 FOR FULLTEXT)
**Veridicom's new fingerprint matching technology sets new standard for smart
   card security & privacy; Smart card leader Gemplus partnering with
   Veridicom to use match-on-card breakthrough for highly secure, PIN-less
   smart cards.**
M2 Presswire, pNA
Feb 24, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 898

     RDATE:24022000
     HANOVER, Germany -- Veridicom, Inc., the leading provider of
silico.. based **fingerprint** **authentication** solutions, today unveiled a
breakthrough, proprietary algorithm that allows users of smart cards to
conduct electronic and **mobile** **commerce** transactions in a far more
secure and private manner than currently exists. With the newly developed
Match-on-Card technology, next-generation smart cards are now possible that
- unlike previous **fingerprint** **authentication** methods – conduct highly
secure **fingerprint** **authentication** operations without transferring any
fingerprint template data from the card to a personal computer or
workstation. Veridicom's breakthrough, jointly...also means enrolled users
can unlock their smart cards and gain access by using convenient
fingerprint **authorization** instead of entering a personal information
number (**PIN**) code that can be forgotten, lost or stolen.
     Veridicom also announced an agreement with the...

...memory and microprocessor-based smart cards, smart contactless cards,
smart card readers, electronic tags and **smart** **objects** into the
communications, financial, ...on-Card sets a new security and privacy
standard by making sure a user's **fingerprint** template data never leaves
the smart card.
     Fingerprint matching
?

```
?show files;ds
File  15:ABI/Inform(R) 1971-2003/Mar 18
        (c) 2003 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2003/Mar 17
        (c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Mar 17
        (c)2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2003/Mar 17
        (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Mar 17
        (c) 2003 The Gale Group
```

Set	Items	Description
S1	292658	(TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOMAT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS OR PTD()S
S2	16437	I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(TRANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(4N)(INTERNET? OR WEB OR PORTAL)
S3	129205	(WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4	68796	GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIRELESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNICATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5	17192	EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICATION? OR WALLET)
S6	4612	DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTRONIC(3N)WALLET? OR SMART()OBJECT? ?
S7	582337	(AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CREDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8	49478	(TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTORY OR TRAIL)
S9	2756842	ENCRYPTION? OR KEY? ? OR SIGNATURE? ? OR CIPHER?
S10	869336	AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORIS?
S11	316942	PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR PASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12	808602	BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRINT? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13	0	AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR NIWA()SAN? OR MARITZEN?)
S14	0	S13 AND PA=SONY?
S15	0	S5(S)S14
S16	605	(S1:S3)(2S)S5
S17	380	(S1:S3)(S)S6
S18	7	S16:S17(S)(S7:S11)(S)S12
S19	7	S18 NOT S15
S20	3413	S1(S)S12
S21	7	S5(S)S20
S22	3	S21 NOT (S18 OR S19)
S23	10	S18 OR S21 OR S22
S24	6	RD (unique items)
S25	23	(S1:S3)(2S)(S5:S6)(2S)(S7:S11)(2S)S12
S26	14	RD (unique items)
S27	10	S26 NOT S24

March 18, 2003 1 18:38

?

?t24/3,k/all

24/3,K/1   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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08611750   Supplier Number: 74334896   (USE FORMAT 7 FOR FULLTEXT)
**Bio-Keys - Fingerprint readers, retinal scanners, and facial- recognition
   cameras are being used increasingly by businesses to keep intruders out
   of corporate networks. Is the future finally here?(Technology
   Information)**
Grotta, Sally Wiener
PC Magazine, p163
June 5, 2001
Language: English   Record Type: Fulltext Abstract
Document Type: Magazine/Journal; General Trade
Word Count: 1718

   ...   are keyed to people's fingerprints to ensure that passes aren't
shared.
       Look for **biometrics** to figure more prominently in everyday life.
To thwart unauthorized online access to bank accounts or stock portfolios,
financial institutions are providing **fingerprint** scanners free to clients
to better **verify** their clients' identities for Internet stock and banking
transactions. Beginning in 2002, some companies will begin issuing smart
credit cards, with customers' **fingerprint   information   embedded** .
Beyond that, ATMs and other **kiosks** will have face or voice scanners. Once
the technology proves itself, we'll see **biometrics** on PDAs, cell phones,
and other wireless devices.
       But perhaps the biggest growth area for...

24/3,K/2   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

07710630   Supplier Number: 63801737   (USE FORMAT 7 FOR FULLTEXT)
Former HP Executive to Lead Gemplus.(Company Operations)
Demers, Marie Eve
Electronic News (1991), v46, n30, p62
July 24, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 451

   ...   an announcement about a major agreement to include smart cards into
multi-application cards: credit, **ATM** , loyalty cards that could include
digital **signatures** or even **fingerprint** reading."
       Cards for GPS and third-generation wireless cell phone products will
be important elements...

24/3,K/3   (Item 3 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

06446906   Supplier Number: 55025225   (USE FORMAT 7 FOR FULLTEXT)
-ICL LAUNCHES NEW ATM APPLICATION, WINS IT CONTRACT.
Telecomworldwire, pNA
June 30, 1999
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade

Word Count: 120

     ICL has introduced CardStore, its new application for the Fujitsu
Series 7000 **automated   teller** machines. The application combines smart
card technology with account balance, transaction history and **fingerprint**
reference **data   embedded** on the smart card, and **fingerprint**
recognition by a **fingerprint** scanner to provide **ATM** and cash-dispensing
capabilities. The system will include both English- and Spanish-language
options. Availability...

 24/3,K/4   (Item 4 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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05721841   Supplier Number: 50196856   (USE FORMAT 7 FOR FULLTEXT)
Into the Future
Grant, Elaine X.
Travel Agent, p36
July 13, 1998
Language: English   Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 939

...   and Toronto-Pearson International, and last month was installed in
Los Angeles. INSPASS uses hand **biometrics** and an **ATM** -like **kiosk** .
Passengers swipe a card through the machine, which reads the **embedded**
biometric   data , checks the person's identity, issues an entry document
and then opens the gate.
     Some...

 24/3,K/5   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04872116   SUPPLIER NUMBER: 09125318   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Biometric systems open the door. (fraud prevention and security-control
   devices)
Rosen, Jerome
Mechanical Engineering-CIME, v112, n11, p58(4)
Nov, 1990
ISSN: 0025-6501   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2732   LINE COUNT: 00218

...   system. The system can also generate a reproducible image of a
signature.
     Reference data for **signature** comparison can be stored in a computer
file or on a smart card that is given to the **ATM** customer. Smart cards,
which are the size of credit cards and are equipped with an **embedded**
microprocessor to store **data** , are being increasingly used with **biometric**
 systems.
     False acceptances and rejections for biometric signature dynamic
devices are under 1 percent, according...

 24/3,K/6   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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00937080

Electronic credit cards offer computer functions by increasing magnetic strip memory.
High Technology   June, 1983   p. 16,171

... cases of illegally duplicated cards have surfaced, used in electronic forgeries. Telephone lines connecting the **automated teller** machines (ATMs) to the banks' central computers also can be tapped to allow the unauthorized...

... for dominance: a mass-memory card that would store digital data signifying the owner's **fingerprint** , voiceprint or retinal capillary pattern, thus serving as an all-purpose ID; and a computer...

...a set of pluses and minuses as the basis for a more intricate coating of **data** processed by an **embedded** , 16 Kbit microprocessor. Drexler Technology (Mountain View, California) is developing a 1.2 Mbit mass...
?

?t27/3,k/all

27/3,K/1   (Item 1 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
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01972119 47841636
These business trends will shape the future of e-commerce
Schacklett, Mary
Credit Union Magazine PP: 14-15   Jan 2000
ISSN: 0011-1066   JRNL CODE: CUG
WORD COUNT: 1058

...TEXT: wallet that can be used for all their purchasing needs, wherever and whenever they occur.

Biometrics   .   Biometrics   is an additional security technology that is slowly becoming affordable to businesses. **Biometrics** goes beyond user **passwords** , data **encryption** , and digital certificates. With **biometrics** , a person's unique physical attribute is used as a source of identification. This might be a **fingerprint** or a scan of a person's retina or face.

This physical trait is translated into a digital representation of the person. When a person uses an **ATM** , the machine scans the face ...digital record already stored on the system to obtain a match.
In the case of **fingerprint** **biometrics** , users press a finger pad that's attached to a PC. Once again, the **fingerprint** is digitized and compared to a master **fingerprint** digitalization already stored on the system. A match permits the user to access the machine. Because **fingerprints** and facial or retinal scans can be digitized, there is also the potential of incorporating...

27/3,K/2   (Item 2 from file: 15)
DIALOG(R)File   15:ABI/Inform(R)
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00962852 96-12245
Cash isn't greener on other side
Day, Jacqueline
Bank Systems & Technology v32n1   PP: 35 Jan 1995
ISSN: 1045-9472   JRNL CODE: BSE
WORD COUNT: 768

...TEXT: says Tim Jones, Mondex chief executive.

Such ease of use and convenience is key to **electronic**   **wallet** acceptance. But bankers and consumers will be more likely to implement the devices once they're convinced of reliable **encryption** technology. Instead of conventional **authentication** numbers or digital **signatures** , Mondex uses a messaging algorithm adjusting itself constantly, like a moving target. Messages dispatched from...

... such as the smart card, to another, like the wallet, undergo a barrage of source **authentication** functions. Sets of data must essentially "handshake" with another set, and periodically "knock out" to...

... environment is the collective brainchild of Japanese, American and European technology companies with a keen **eye** for user-friendliness; some are consumer-oriented manufacturers as well as commercial vendors. Together, these...

27/3,K/3   (Item 1 from file: 16)
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08675925   Supplier Number: 75161079 (USE FORMAT 7 FOR FULLTEXT)
KEYWARE UNVEILS MULTI-APPLICATION SMART CARD SUITE.
Card News, v16, n10, pNA
May 30, 2001
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 843

...   effort to build on its successes with smart cards in Europe, Woburn, Mass.-based Keyware (**KEYW**), a provider of **biometric** and centralized **authentication** solutions, launched a suite of smart card applications in the U.S. The announcement, made...

...and addresses the growing role of multi-application smart cards and the need for greater **authentication** and security.
     -Smart-Universe is being targeted toward five markets: **electronic** payments (Smart- **Wallet**), customer loyalty (Smart-Shopper), secure identity (Smart-Identity), ticketing (Smart-Show) and physical access control...

...Smart- Universe is capable of operating on a variety of devices (PC, mobile phone, PSA, **ATM** , card reader) and networks (PSTN, VPN, www, satellite, GSM).
     The company is using its Central **Authentication** Server (CAS), with Layered **Biometric** **Verification** (LBV) technology to allow organizations to manage all their **authentication** methods from one server. These methods include PKI, **biometrics** , smart cards, PINs and **passwords** . Keyware's CAS integrates into Internet and network security, physical access, telephony and smart card applications.
     "Keyware is a **biometric** -enabling company and we are looking for people who can use **biometric** technologies for millions of users," said Francis Declercq, CEO, Keyware Technologies Corp. "We see a smart card being used by millions of users. Smart cards and **biometrics** go very well together because you put a **biometric** feature or **biometric** print on a smart card. You protect the privacy of the holder and you protect...

...can only be used if the owner of the card is present."
     Keyware contends that **biometric** authentication -- adding personal physical data such as **fingerprint** , voice and face verification -- to smart cards greatly improves the security of the card. It...

...algorithm, which creates a number that is encrypted and stored on the card. Comparing the **biometric** templates stored on the smart card chip with live **biometric** data captured at each transmission performs authentication. The user carries the card, but if it...

27/3,K/4   (Item 2 from file: 16)
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07068757   Supplier Number: 59589993 (USE FORMAT 7 FOR FULLTEXT)
Veridicom's New Fingerprint Matching Technology Sets New Standard for Smart
  Card Security & Privacy.
Business Wire, p0043
Feb 24, 2000

Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 908

...   Card Leader Gemplus Partnering with Veridicom to Use
       Match-on-Card Breakthrough for Highly Secure, **PIN** -less Smart Cards
       ;;;;Veridicom, Inc., the leading provider of silicon-based
fingerprint **authentication** solutions, today unveiled a breakthrough,
proprietary algorithm that allows users of smart cards to conduct
electronic and **mobile** **commerce** transactions in a far more secure and
private manner than currently exists. With the newly developed
Match-on-Card technology, next-generation smart cards are now possible that
-- unlike previous **fingerprint** **authentication** methods -- conduct highly
secure **fingerprint** **authentication** operations without transferring any
fingerprint template data from the card to a personal computer or
workstation. Veridicom's breakthrough, jointly...
...also means enrolled users can unlock their smart cards and gain access
by using convenient **fingerprint** **authorization** instead of entering a
personal information number (**PIN**) code that can be forgotten, lost or
stolen.   .
       ;;;;Veridicom also announced...

...memory and microprocessor-based smart cards, smart contactless cards,
smart card readers, electronic tags and **smart** **objects** into the
communications, financial, transportation, education, healthcare,
electronic commerce and Internet security marketplaces.
       ;...

...on-Card sets a new security and privacy standard by making sure a user's
 fingerprint template data never leaves the smart card. **Fingerprint**
matching operations are entirely conducted on the smart card itself in less
than a second, unlike previous **fingerprint** authentication methods that
required transfer of template information to a personal computer or
workstation for...

...leaving a potential security gap. Should the smart card be stolen or
lost, only a **fingerprint** match between the authorized user and the stored
template unlocks the card preventing a lost...

 27/3,K/5   **(Item 3 from file: 16)**
 DIALOG(R)File 16:Gale Group PROMT(R)
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06466361   Supplier Number: 54890878   (USE FORMAT 7 FOR FULLTEXT)
Paperless Bills: You may soon be able to pay all your bills at a single Web
   site.(Internet/Web/Online Service Information)
Nash, Sharon
PC Magazine, p28
July 1, 1999
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 685

...   the portal. The benefits? Consumers need to visit only one site,
portals and billers get **eyeballs** and customer loyalty, and consolidators
get a piece of every transaction.   .
       "For the moment, a...

...comes to purchasing goods online, electronic payment methods are
multiplying at breakneck speed. Dozens of **electronic** **wallets** are
available, as are keyboard-based credit card readers and even cellular

March 18, 2003 3 18:38

phones with credit...

27/3,K/6   (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05506214   Supplier Number: 48343615 (USE FORMAT 7 FOR FULLTEXT)
Gates Seeks to Calm Banks' Competition Concerns
KUTLER, JEFFREY
American Banker, p22
March 9, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1670

...   commerce relies on being able to pay-and banks are going to
continue being the **key** payment relationship for most consumers. Consumers
want their money in a safe place, not on...

...this. Nonbanks are also making innovative use of technology. A favorite
of mine is the **Irish** Post Office, which has built 1,000 PC-based **kiosks**
at which people can pay bills, apply for a passport, obtain various
licenses, get pension...

...banking as some bankers seem to think you were. Then again, your vision
of a **digital   wallet** was quite resonant. Are you still hot on that idea?
Do your friends in the...

27/3,K/7   (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03696921   Supplier Number: 45232901 (USE FORMAT 7 FOR FULLTEXT)
Cash Isn't Greener on Other Side
Bank Systems + Technology, p35
Jan, 1995
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 791

...   says Tim Jones, Mondex chief executive.
   Such ease of use and convenience is key to **electronic   wallet**
acceptance. But bankers and consumers will be more likely to implement the
devices once they're convinced of reliable **encryption** technology. Instead
of conventional **authentication** numbers or digital **signatures** , Mondex
uses a messaging algorithm adjusting itself constantly, like a moving
target. Messages dispatched from...

...such as the smart card, to another, like the wallet, undergo a barrage
of source **authentication** functions. Sets of data must essentially
'handshake' with another set, and periodically 'knock out' to...

...environment is the collective brainchild of Japanese, American and
European technology companies with a keen **eye** for user-friendliness; some
are consumer-oriented manufacturers as well as commercial vendors.
Together, these...

27/3,K/8   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

March 18, 2003 4 18:38

10329120   SUPPLIER NUMBER: 20922694   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The one and only you.(biometric identification technology) (Technology
  Information)**
Millman, Howard
InfoWorld, v20, n26, p87(1)
June 29, 1998
ISSN: 0199-6649   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 1336   LINE COUNT: 00114

...   more secure than passwords." Tribble hopes to switch the entire
system over to fingerprint verification.
    Biometric devices, once used almost exclusively by government
surveillance agencies, have come out of the cold...

...DisneyWorld uses hand-geometry scanners to identify season-pass holders,
and the Olympic Games use **biometric** devices to allow athletes entry into
their living quarters.
    Mastercard International has announced plans to test **fingerprint**
-reading equipment at its Purchase, N.Y., headquarters. The pilot project's
goal is to determine how **biometric** technologies can reduce the fraudulent
use of credit cards. Initially, the equipment will control employee...
...they say the system works by scanning a finger's unique whorls. It
stores that **information** on a chip **embedded** in a card. To gain access to
a system or area, the cardholder touches their...

...to the data stored in the chip.
    I NEVER FORGET A FACE. Face-recognition systems **authenticates**
customers at 38 Mr. Payroll check-cashing **kiosks** located throughout the
Southwest, California, and Ohio.
    Mike Stinson, CEO of the Fort Worth, Texas...

...recognition technology non-intrusive and convenient. In addition, it
provides added security for the company.
    " **ATM** Passwords or PIN numbers may work for some people, but many of
our customers cash...

...technology procured from National Cash Register. Pleased with its
performance so far, he predicts that " **biometric** recognition will soon
begin to replace PIN numbers and passwords on cash machines everywhere."
    RISING POPULARITY. Two primary factors account for the increasing
interest in **biometric** security devices: rising reliability and plummeting
prices. **Fingerprint** scanners that cost less than $100, now offer similar
functionality to devices that cost $1,000 just one year ago, according to
Who? Vision System, manufacturers at the TactileSense **fingerprint**
-identification systems, in Irvine, Calif. Improved manufacturing
techniques and improved accuracy of Charged Coupled Devices...

    27/3,K/9   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02623058   SUPPLIER NUMBER: 89078687   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Smart card evolution: smart cards and their related technologies are an
  emerging component of electronic commerce worldwide. In some countries,
  they are revolutionizing aspects of commerce, healthcare, and recreation.**
Shelfer, Katherine M.; Procaccino, J. Drew
Communications of the ACM, 45, 7, 83(6)
July, 2002
ISSN: 0001-0782   LANGUAGE: English   RECORD TYPE: Fulltext

WORD COUNT: 3711   LINE COUNT: 00327

...   license.
     Authorization. As mentioned previously, smart cards offer data
encryption and the ability to store **biometric** information for the purpose
of authenicating the cardholder. Smart cards have potential to facilitate
storage...

...pharmacist's reader for patient and physician information, and dosage
and refill specifications. With proper **encryption** , prescriptions could
also sent electronically from the physician's office. Again, patients could
have their...
...and traditional "bricks and mortar" establishments. The cards could be
reloaded with cash value in **ATM** machines and used as a credit card (11).
The currency carried on a smart card...

...s check. Smart card technology also provides a secure Internet-based
payment mechanism through data **encryption** . The contactless version of a
smart card is now used in situations requiring short transaction...for an
electronic wallet, thereby permitting the mobile terminal to also serve as
a "pocket **ATM** machine" (4).
     Voting is another type of transaction, but instead of having a basis
in commerce, it is based in **authorization** (as previously mentioned) and
information exchange. Smart cards have the capability of **biometric** -based
voter registration, using **fingerprints** , for example, which can help
prevent voter fraud (7).
     Conclusion
     Smart cards have to the...

 27/3,K/10   **(Item 2 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02047318   SUPPLIER NUMBER: 19183866   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Smart cards: are we ready? (Technology Information)
Cobb, Stephen
Data Based Advisor, v15, n3, p71(3)
March, 1997
ISSN: 0740-5200   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2476   LINE COUNT: 00205

...   and authenticate the card dynamically.
     Smart card technology holds many promises for automating and
improving **authentication** and security, financial transactions, and other
applications that need compact data storage and processing that...

...carry authentication information for access control to offices and
computer systems. For example, with your **fingerprint** digitally encoded on
your card, you can prove you're who you claim to be...
?

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```
?show files;ds
File    2:INSPEC 1969-2003/Mar W2.
        (c) 2003 Institution of Electrical Engineers
File   35:Dissertation Abs Online 1861-2003/Feb
        (c) 2003 ProQuest Info&Learning
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        (c) 2003 BLDSC all rts. reserv.
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        (c)2003 Info.Sources Inc
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        (c) 2003 The New York Times
File  475:Wall Street Journal Abs 1973-2003/Mar 17
        (c) 2003 The New York Times
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        (c) 2002 The Gale Group
```

Set	Items	Description
S1	55387	(TRANSACTION OR PAYMENT OR PERSONAL()REMOTE)(2W)(DEVICE? OR MACHINE?) OR ATD OR ATDS OR ATD()S OR KIOSK? OR ATM OR AUTOMAT?(2W)TELLER? OR STORED(2W)VALUE?(2W)CARD? ? OR PTD OR PTDS OR PTD()S
S2	2938	I()MODE? OR IMODE? OR (WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(4N)(TRANSACTION? OR PURCHASE OR PAYMENT OR BUY OR BUYS OR BUYING)(4N)(INTERNET? OR WEB OR PORTAL)
S3	7488	(WIRELESS OR MOBILE OR HANDHELD OR HAND()HELD OR PALM? OR REMOTE OR CELLPHONE? OR CELLULAR)(2W)(INTERNET? OR COMMERCE? OR ECOMMERCE OR E()COMMERCE) OR MCOMMERCE OR M()COMMERCE
S4	11975	GENERAL()PACKET()RADIO()SERVICE? ? OR GPRS OR WAP OR WIRELESS()APPLICATION()PROTOCOL OR UNIVERSAL()MOBILE()TELECOMMUNICATION? ?()SYSTEM OR 3G()UMTS OR UMTS
S5	2985	EMBED?(3N)(CONTENT? ? OR DATA OR INFORMATION OR IDENTIFICATION? OR WALLET)
S6	450	DIGITAL()WALLET? OR DIGIWALLET? OR DIGI()WALLET? OR ELECTRONIC(3N)WALLET? OR SMART()OBJECT? ?
S7	131995	(AUDIO? OR VISUAL? OR IMAGE? OR PICTURE? OR BALANCE? OR CREDIT()LIMIT OR (AMOUNT OR TOTAL)(2N)(CHARGED OR PURCHASED OR COST? OR PAYMENT OR BILL) OR CREDIT OR TEXT? OR DOCUMENT? OR IDENTIFI?)(3N)(DATA OR INFORMATION OR CONTENT OR NUMBER?)
S8	14344	(TRACK? OR CONTAIN? OR DETERMIN?)(5N)(LOCATION? ? OR HISTORY OR TRAIL)
S9	297167	ENCRYPTION? OR KEY? ? OR SIGNATURE? ·? OR CIPHER?
S10	226180	AUTHENTICAT? OR VERIFY? OR VERIFI? OR AUTHORIZ? OR AUTHORIS?
S11	36199	PIN OR PERSONAL()IDENTIF? OR PASSWORD? OR PASS()WORD? OR PASSCODE? OR PASS()CODE? OR SECRET()(CODE OR KEY)
S12	129381	BIOMETRIC? OR BIO()METRIC? OR FINGERPRINT? OR FINGER()PRINT? OR THUMB? OR EYE? ? OR IRIS? OR EYEBALL?
S13	10	AU=(BRIESCH J? OR BRIESCH, J? OR LUDTKE H? OR LUDTKE, H? OR NIWA()SAN? OR MARITZEN?)
S14	0	S13 AND PA=SONY?
S15	0	S5(S)S14
S16	17	(S1:S3)(2S)S5
S17	28	(S1:S3)(S)S6
S18	0	S16:S17(S)(S7:S11)(S)S12
S19	0	S18 NOT S15
S20	254	S1(S)S12
S21	0	S5(S)S20

S22	0	S21 NOT (S18 OR S19)
S23	0	S18 OR S21 OR S22
S24	0	RD (unique items)
S25	0	(S1:S3)(2S)(S5:S6)(2S)(S7:S11)(2S)S12
S26	0	RD (unique items)
S27	0	S26 NOT S24
S28	0	S18:S19 OR S24 OR S25
S29	0	RD (unique items)
S30	19	(S1:S3) AND S5
S31	1	S6 AND S30
S32	0	(S1:S3) AND (S5:S6) AND (S7:S11) AND S12
S33	19	S30 OR S31
S34	46	S16 OR S17 OR S33
S35	43	RD (unique items)

?t35/3,k/all

35/3,K/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
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7028189   INSPEC Abstract Number: C2001-10-6130S-055
  Title: **Protecting smart cards from passive power analysis with detached power supplies**
  Author(s): Shamir, A.
  Author Affiliation: Dept. of Appl. Math., Weizmann Inst. of Sci., Rehovot, Israel
  Conference Title: Cryptographic Hardware and Embedded Systems - CHES 2000. Second International Workshop. Proceedings (Lecture Notes in Computer Science Vol.1965)   p.71-7
  Editor(s): Koc, C.K.; Paar, C.
  Publisher: Springer-Verlag, Berlin, Germany
  Publication Date: 2000   Country of Publication: Germany   xi+354 pp.
  ISBN: 3 540 41455 X   Material Identity Number: XX-2001-00638
  Conference Title: Cryptographic Hardware and Embedded Systems - CHES 2000. Second International Workshop. Proceedings
  Conference Date: 17-18 Aug. 2000   Conference Location: Worcester, MA, USA
  Language: English
  Subfile: C
  Copyright 2001, IEE
  ...Abstract: the protocol in any way. The attack is particularly dangerous in financial applications such as **ATM** cards, credit cards, and **electronic wallets** , in which users have to insert their cards into card readers which are owned and...

35/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
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6888867   INSPEC Abstract Number: B2001-05-6260M-022, C2001-05-5620M-001
  Title: **Experimental demonstration of an access point for HORNET-A packet-over-WDM multiple-access MAN**
  Author(s): Wonglumsom, D.; White, I.M.; Shrikhande, K.; Rogge, M.S.; Gemelos, S.M.; Fu-Tai An; Fukashiro, Y.; Avenarius, M.; Kazovsky, L.G.
  Author Affiliation: Opt. Commun. Res. Lab., Stanford Univ., CA, USA
  Journal: Journal of Lightwave Technology   vol.18, no.12   p.1709-17
  Publisher: IEEE,
  Publication Date: Dec. 2000   Country of Publication: USA
  CODEN: JLTEDG   ISSN: 0733-8724
  SICI: 0733-8724(200012)18:12L.1709:EDAP;1-W
  Material Identity Number: E771-2001-002

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...Abstract: area. The HORNET network eliminates the cost and complexity of SONET equipment by transmitting IP/ **ATM** packets directly over the wavelength division multiplexing (WDM) layer. To improve performance above that of...
... a multiple-access network via the CSMA/CA MAC protocol; and 3) fast clock and **data** recovery using the **embedded** clock tone (ECT) technique.
...Identifiers: IP/ **ATM** packets...

35/3,K/3   (Item 3 from file: 2)

6855354
  Title: **Mobile-commerce ASPs do the legwork**
Author(s): Rysavy, P.

...Abstract: for information) to 18 companies that provide products or services customers can use to build **m - commerce** applications. This RFI asked for background information on the company and its partnerships, customers, technology approach, security methods, networks supported, devices supported, and mechanisms to facilitate **mobile commerce**, such as financial settlement or **electronic wallet**. The recipients of the RFI were Aether Systems, AvantGo, Broadbeam Corp., GoAmerica, InfoSpace, i3 Mobile...
... 724 Solutions, Snaz Commerce Solutions, 2Roam, VeriFone and WolfeTech Corp. These companies are categorized as **wireless** ASPs (application service providers), **wireless** middleware vendors, **wireless Internet** portals, **wireless** ISPs, financial- **transaction** system vendors or **Web** -page developers.

35/3,K/4   (Item 4 from file: 2)

6727720   INSPEC Abstract Number: B2000-11-6150C-045, C2000-11-7410F-052
 Title: **Scalable memory management for ATM systems**
Author(s): Serpanos, D.N.; Karakonstantis, P.
 Author Affiliation: Inst. of Comput. Sci., Found. for Res. & Technol.-Hellas, Heraklion, Greece

Conference Title: Proceedings of 5th IEEE Symposium on Computer and Communications (ISCC 2000)
Conference Sponsor: IEEE Commun. Soc.; IEEE Comput. Soc
Conference Date: 3-6 July 2000   Conference Location: Antibes-Juan les Pins, France
Language: English
Subfile: B C
Copyright 2000, IEE
Title: Scalable memory management for ATM systems
Abstract: The scalability of SDH/SONET to high speeds places strict performance requirements on **ATM** systems. Throughput preservation of link speed through protocols to a higher layer application is a...

... acute as link speed increases and is being addressed with designs that offer high speed **data** paths and high **embedded** processing power. We introduce a specialized, high-speed, scalable and reusable queue manager (QM) for **ATM** systems, which enables high-speed data transfer to/from system memory and management of logical...
Identifiers: **ATM** systems...

35/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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6569688   INSPEC Abstract Number: B2000-06-6210L-028, C2000-06-5620-005
Title: Compensating for moderate effective throughput at the desktop
Author(s): Orphanos, G.; Birbas, A.; Petrellis, N.; Mountzouris, L.; Malataras, A.; Goldfinch, A.; Brosnan, L.; Janko, U.
Author Affiliation: Patras Univ., Greece
Journal: IEEE Communications Magazine   vol.38, no.4   p.128-35
Publisher: IEEE,
Publication Date: April 2000 Country of Publication: USA
CODEN: ICOMD9 ISSN: 0163-6804
SICI: 0163-6804(200004)38:4L.128:CMET;1-7
Material Identity Number: I318-2000-004
U.S. Copyright Clearance Center Code: 0163-6804/2000/$10.00
Language: English
Subfile: B C
Copyright 2000, IEE

...Abstract: development of a networking system architecture targeted to support high-speed TCP/IP communication over **ATM** . The discussed architecture has been developed in the form of an integrated system which incorporates state-of-the-art software and hardware subsystems, and an OC-12c **ATM** adapter (622 Mb/s). Moreover, the design of this embedded system has been based on...

... real-time operating system, which, in turn, hosts an accelerated TCP/IP protocol stack over **ATM** . Furthermore, the embedded system board has been developed according to the PCI specification to easily be plugged into a host platform. In addition, the OC-12c **ATM** adapter subsystem has been designed and developed in order to also be plugged into the...

... optimally implemented TCP/IP stack, hosted by a real-time kernel and coupled with an **ATM** adapter, offers a robust desktop platform for high-speed end-to-end communications. The main...

... accelerated TCP/IP protocol stack is the out-of-band processing of control and data **information** . The protocol accelerator **embedded** system processes the TCP/IP headers and accomplishes checksum computations, while data is transferred from...

...Identifiers: OC-12c **ATM** adapter...

35/3,K/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6359136   INSPEC Abstract Number: B1999-10-6250F-134, C1999-10-7490-011
   Title: Client-server architecture for accessing multimedia and geographic
databases within embedded systems
   Author(s): Bouju, A.; Stockus, A.; Bertrand, F.; Boursier, P.
   Author Affiliation: Univ. of La Rochelle, France
   Conference Title: Proceedings. Tenth International Workshop on Database
and Expert Systems Applications. DEXA 99   p.760-4
   Editor(s): Cammelli, A.; Tjoa, A.; Wagner, R.R.
   Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
   Publication Date: 1999 Country of Publication: USA   xxii+937 pp.
   ISBN: 0 7695 0281 4   Material Identity Number: XX-1999-02437
   U.S. Copyright Clearance Center Code: 0 7695 0281 4/99/$10.00
   Conference Title: Proceedings. Tenth International Workshop on Database
and Expert Systems Applications
   Conference Date: 1-3 Sept. 1999   Conference Location: Florence, Italy
   Language: English
   Subfile: B C
   Copyright 1999, IEE

   Abstract: We present a software architecture that is dedicated to the
development of an **information** system **embedded** in a vehicle allowing
access to multimedia and geographic databases. This system provides some
functionality...

... well as access to various information sources. Communications are based
on the use of a **cellular** phone and **Internet** connection. Web browser and
Java applets are used for information presentation and processing. The
combined...

35/3,K/7   (Item 7 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6141746   INSPEC Abstract Number: B1999-02-6210D-017
   Title: IP "telephony" vs. ATM : what is there to discuss?
   Author(s): Wright, S.; Onvural, R.
   Author Affiliation: Fujitsu Network Commun. Inc., Raleigh, NC, USA
   Conference Title: 1998 1st IEEE International Conference on ATM. ICATM'98
p.400-9
   Publisher: IEEE, New York, NY, USA
   Publication Date: 1998 Country of Publication: USA   x+535 pp.
   ISBN: 0 7803 4982 2   Material Identity Number: XX-1998-01758
   U.S. Copyright Clearance Center Code: 0 7803 4982 2/98/$10.00
   Conference Title: Proceedings of ICATM'98: IEEE International Conference
on ATM
   Conference Date: 22-24 June 1998   Conference Location: Colmar, France
   Language: English
   Subfile: B
   Copyright 1999, IEE

   Title: IP "telephony" vs. ATM : what is there to discuss?
   ...Abstract: to be addressed to natively support telephony services in an
integrated service environment over both **ATM** and IP infrastructures. It
presents the different approaches proposed for the network technologies. It

then...

... IP may change from a layer 2 independent routing protocol to an addressing scheme with **embedded** routing **information** , similar to current use of E.164 addresses.

...Identifiers: **ATM** infrastructure...

... **embedded** routing **information** ;

35/3,K/8   **(Item 8 from file: 2)**
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6121086   INSPEC Abstract Number: B1999-02-6430G-005, C1999-02-5630M-005
 Title: **Building video-on-demand servers**
  Author(s): Du, D.H.C.; Liu, J.C.L.; Hsieh, J.; Vetter, R.J.
  Journal: Telecommunication Systems - Modeling, Analysis, Design and Management   vol.9, no.3-4   p.255-86
  Publisher: Baltzer,
  Publication Date: 1998 Country of Publication: Netherlands
  CODEN: TESYEV ISSN: 1018-4864
  SICI: 1018-4864(1998)9:3/4L.255:BVDS;1-A
  Material Identity Number: D379-1998-004
  Language: English
  Subfile: B C
  Copyright 1999, IEE

   ...Abstract: adopted a server-driven approach for investigating MPEG-2 video delivery over asynchronous transfer mode (**ATM**) networks. The VOD server controls the pace of video transmission and reduces the complexity of...

... cost considerations), we have reduced the buffer requirement by regulating the transmission based on timing **information** **embedded** in the MPEG-2 streams. Our research and experimental results are based on a VOD...

35/3,K/9   **(Item 9 from file: 2)**
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5978338   INSPEC Abstract Number: B9809-6260-045
 Title: **Optical network management**
  Author(s): Maeda, M.
  Author Affiliation: Bellcore, Red Bank, NJ, USA
  Conference Title: Conference on Optical Fiber Communications. Technical Digest. Postconference Edition. 1997 OSA Technical Digest Series. Vol.6 (IEEE Cat. No.97CH36049)   p.342
  Publisher: Opt. Soc. America, Washington, DC, USA
  Publication Date: 1997 Country of Publication: USA   ix+488 pp.
  ISBN: 1 55752 480 7   Material Identity Number: XX97-00616
  Conference Title: Proceedings of Optical Fiber Communication Conference (ISBN 1 55752 481 5)
  Conference Sponsor: IEEE; Opt. Soc. America
  Conference Date: 16-21 Feb. 1997   Conference Location: Dallas, TX, USA
  Language: English
  Subfile: B
  Copyright 1998, IEE

   ...Abstract: reconfigurable WDM nets. Topics to be covered include: telecommunications management network (TMN) principles; management

protocols; **information** modeling; **embedded** management channel; alarm surveillance; fault correlation; connection management; OA&M features to support survivable optical network architectures; and integration of optical network management with **ATM** /SONET network management.
   ...Identifiers: **ATM** /SONET network management

35/3,K/10   **(Item 10 from file: 2)**
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5204745   INSPEC Abstract Number: B9604-6150M-027, C9604-5640-028
   Title: A comparison study of congestion control for ABR service in ATM
networks
   Author(s): Qin Li; Zheng Wang
   Author Affiliation: Dept. of Comput. Sci., Univ. Coll. London, UK
   Conference Title: IFIP Workshop TC6, IFIP Working Groups 6.3 and 6.4. Third Workshop on Performance Modelling and Evaluation of ATM Networks. Participants Proceedings   p.7/1-10
   Editor(s): Kouvatsos, D.
   Publisher: Univ. Bradford, Bradford, UK
   Publication Date: 1995 Country of Publication: UK   860 pp.
   Material Identity Number: XX95-01453
   Conference Title: Proceedings of 3rd Workshop on Performance Modelling and Evaluation of ATM Networks
   Conference Sponsor: IFIP TC6
   Conference Date: 2-6 July 1995   Conference Location: Ilkley, UK
   Language: English
   Subfile: B C
   Copyright 1996, IEE

   Title: A comparison study of congestion control for ABR service in ATM
networks
   Abstract: An important research issue in **ATM** networks is the interaction between the congestion control mechanisms for the ABR service and that **embedded** in the **data** transport protocols such as TCP. In this paper we examine the behaviour of TCP traffic...
   ...Identifiers: **ATM** networks

35/3,K/11   **(Item 11 from file: 2)**
DIALOG(R)File   2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4677354   INSPEC Abstract Number: B9407-6260-016, C9407-5620L-014
   Title: Fibre to the desk: a novel approach to business communication with voice and high speed packet data
   Author(s): Wolfgang, H.
   Author Affiliation: Alcatel Austria AG, Wien, Austria
   p.205-10
   Publisher: Eur. Inst. Commun. & Networks, Geneva, Switzerland
   Publication Date: 1993 Country of Publication: Switzerland   xv+288 pp.
   ISBN: 3 905084 16 3
   Conference Title: Proceedings of EFOC & N. 11th Annual Conference on European Fibre Optic Communications and Networks
   Conference Date: 30 June-2 July 1993   Conference Location: The Hague, Netherlands
   Language: English
   Subfile: B C

   ...Abstract: Different types of customer LANs may coexist on the same packet bearer channel, since their **data** frames are **embedded** in an

intermediate MAC layer. Packet traffic to external destinations is transferred to highspeed backbones like MANs or ATM networks via a centralized router. Multimode transmission at an aggregate bit rate of approximately 140Mb...

35/3,K/12   (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01614344 ORDER NO: AAD98-12623
MULTICAST VIDEO TRANSPORT OVER IPOINT ATM TESTBED (VIDEO SERVER)
  Author: HOSSAIN, ASHFAQ
  Degree: PH.D.
  Year: 1997
  Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (0090)
  Source: VOLUME 58/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
        PAGE 5481. 170 PAGES

MULTICAST VIDEO TRANSPORT OVER IPOINT ATM TESTBED (VIDEO SERVER)

     ...applications which can transmit and receive Motion-JPEG and MPEG video streams over IP and ATM networks. Implementation of these applications allow us to investigate the behaviors of end-hosts connected to high-speed networks. The iPOINT ATM testbed has provided the opportunity to understand the correlation between these hosts executing high-bandwidth...

...and unicast video service.
     We have compared the performance of our video service over iPOINT ATM testbed with another high-bandwidth proprietary interconnect, called ServerNet, from Tandem Computers, Inc. We have...

...development of Video Server and Video Client applications, we have designed and implemented a novel ATM Network Video Interface Module. This module receives ATM cells from an ATM switch port, performs all the re-assembly functions and extracts video data from the adaptation...

...ISA backplane, a FIFO module on an ISA board for developing this network module. The **embedded** controller feeds video **data** (MPEG-2) to a hardware decoder board. The decoder board provides NTSC output such that...

35/3,K/13   (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2003 The HW Wilson Co. All rts. reserv.

1628086 H.W. WILSON RECORD NUMBER: BAST97060050
Mobil uses IT to speed past competition
Datamation v. 43 (Oct. '97) p. 14-15
DOCUMENT TYPE: Feature Article ISSN: 0011-6963

...ABSTRACT: benefiting both the customer and the firm. The Speedpass holder waves a cylindrical radio-frequency **identification** key tag, **embedded** with a small coded transponder, in front of the gasoline pump. A PC in the...

...Mobil Oil Credit in Kansas City, Missouri, where authentication occurs. A previously selected credit or ATM card is then charged to pay for the gas, and the final transaction is recorded...

35/3,K/14   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00636084   01PI07-030
   Mobile Web -- `On the move and in touch' is an exciting prospect. But
will it ever work?
   DeJong, Jennifer; Iwanchuk, Russ
   PC Magazine , July 1, 2001 , v20 n13 p140-143, 3 Page(s)
   ISSN: 0888-8507

   Talks about **mobile Internet** access and electronic commerce. Reports
that **m - commerce** is faring better in Europe and Japan than in the United
States, because the number...

...to $87 million in 2005, and that much of the growth will be driven by **m
- commerce** . Mentions the things that still have to become available in the
US for the mobile...

...match those projections: time-sensitive applications designed for mobile
devices; faster connections; smarter mobile devices; **digital   wallets** on
provider networks; location services; and access to critical data. Presents
a favorable review of...

35/3,K/15   (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00447891   97PK01-201
   Wireless service taps into `E-cash' -- PacBell-led consortium seeks to
meld **PCS network** with secure smart cards
   Moore, Mark
   PC WEEK , January 20, 1997 , v14 n3 p1, 14, 2 Page(s)
   ISSN: 0740-1604
   Company Name: Pacific Bell Mobile Services

   ... professionals to conduct secure financial transactions from cellular
phones. States that field trials for the **wireless   E - commerce**
application are scheduled to begin in San Diego later in 1997, with
commercial availability expected ·in 1998. Notes that subscribers will be
issued a smart card **embedded** with personal **identification   information**
that inserts into a PCS cellular phone, and when used together, the phone
and smart...

35/3,K/16   (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00139670   DOCUMENT TYPE: Review

PRODUCT NAMES: Adobe GoLive 6   (655333)

TITLE: Upping the Ante: Adobe GoLive 6
AUTHOR: Saucier, Christine
SOURCE: AV Video & Multimedia Producer,   v24 n5 p64(2) May 2002
ISSN: 1090-7459
HOMEPAGE: http://www.avvideo.com

RECORD TYPE: Review

                         March 18, 2003 9 19:03

REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20020930

...Workgroup Server site management tool and various interface
enhancements, including palette stashing, design diagramming, new **Smart
Objects** , and 2.5G and 3G authoring for wireless applications. Included in
the installation bundle are Acrobat Reader 5.05, QuickTime 5.0.2, Nokia
Simulator, and Access Compact Viewer for **i - mode** . Palette stashing
allows users to smoothly drag palettes to the edge of the screen and...

 35/3,K/17   (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00134551   DOCUMENT TYPE: Review

**PRODUCT NAMES: Ovid@Hand (074683); Factiva Select (051624); Westlaw
Wireless (074276)**

TITLE: Serving Up the Wireless Web
AUTHOR: Steiner, Ina
SOURCE: Online Magazine,   v25 n5 p26(6) Sep/Oct 2001
ISSN: 0146-5422
HOMEPAGE: http://www.onlineinc.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020730

...Directory information, barring images, forms, and a few databases.
Navigation is excellent and links are **embedded** in **content** . Ovid
Technologies is offering Palm users its Ovid@Hand application, allowing
researchers to tap clinical...

DESCRIPTORS: Alerts; Content Providers; Handhelds & Palmtops; Legal; News
    Services; **Palm ; Palm OS ; Wireless Internet** Access

 35/3,K/18   (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00126463   DOCUMENT TYPE: Review

PRODUCT NAMES: Remit.com (022896)

TITLE: 'Pay As You Go' Takes On A New Meaning With M-Commerce
AUTHOR: Bort, Julie
SOURCE: MicroTimes,   v211 p51(2) Aug 29, 2000
HOMEPAGE: http://www.microtimes.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010130

Remit.com is an **m - commerce** (**mobile** **commerce**) firm that offers a person-to-person payment system, accessible by a cell phone or...

...on. Money can be put into an account using a credit card, or using a **digital wallet** or **electronic** check. Once the account has money in it, it can be used to send payments...

35/3,K/19 **(Item 4 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00123485 DOCUMENT TYPE: Review

PRODUCT NAMES: Business Geographics (834181)

TITLE: A Bull Market: Businesses Charge Headlong into Spatial Technologies
AUTHOR: Sonnen, David
SOURCE: Business Geographics, v8 n3 p16(4) Mar/Apr 2000
ISSN: 1067-456X
HOMEPAGE: http://www.bg.geoplace.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...other companies have similar strategies designed to use spatial technology in new and profitable ways. **Information** systems now have **embedded** spatial abilities that can process millions of transactions each minute, and location can be provided...

DESCRIPTORS: Geographical Information Systems; Mapping; Navigation Aids; Portals; Software Marketing; **Wireless Internet** Access

35/3,K/20 **(Item 5 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00118528 DOCUMENT TYPE: Review

PRODUCT NAMES: Advanced Radio Communications on Tour (ARTour) (569437)

TITLE: Mobile E - Commerce Evolves
AUTHOR: Redman, Phillip
SOURCE: e-Business Advisor Magazine, v17 n7 p20(5) Jul 1999
ISSN: 1098-8912
HOMEPAGE: http://www.advisor.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 19991030

TITLE: Mobile E - Commerce **Evolves**

...Radio Communications on Tour (ARTour) and remote access to Lotus mail are two solutions for **mobile e - commerce** . Once just an information source, the Internet is becoming a channel for two-way transactions...

March 18, 2003 11 19:03

...electronic relationship between buyers and sellers, and by becoming a
virtual services and goods warehouse. **Mobile e - commerce** provides
real-time, online transaction processing to allow remote workers to handle
tasks, such as...

...to-date, embedded software gives users real-time access to e-mail,
contacts, and critical **information** . **Embedded** software is implemented in
one of two ways: through a corporate site to existing remote...

`35/3,K/21`   **(Item 6 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00102089   DOCUMENT TYPE: Review

**PRODUCT NAMES: Digital Newsstand (665479); CyberCash (594237); CyberCoin
(636479); First Virtual Internet Payment System (600351); DigiCash
(665461)**

TITLE: E-Cash Gets to Work
AUTHOR: Herringshaw, Chris
SOURCE: Internet World,   v8 n5 p84(2) May 1997
ISSN: 1097-8291
HOMEPAGE: http://www.iw.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020422

...point of sale, and has more users than any other current method. About a
million **digital   wallets** have been distributed, and CyberCash has
alliances with such companies as CompuServe, Netscape Communications,
Oracle, and Sun Microsystems to use CyberCash's **digital   wallet**
technology in their products. CyberCash software encrypts credit card
information online and sends it to...

...number, and DigiCash requires users to send money obtained with a credit
card or an **ATM** to a bank that issues e-cash. Then the bank sends back an
encrypted e...

`35/3,K/22`   **(Item 7 from file: 256)**
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00099231   DOCUMENT TYPE: Review

**PRODUCT NAMES: CyberCoin (636479); Secure Internet Payment Service
(651117); E-Cash (546526); Net.Commerce (627291)**

TITLE: The Dollars and Cents of Electronic Commerce
AUTHOR: Barney, Cliff Hood, Phil
SOURCE: NewMedia,   v6 n16 p40(1) Dec 9, 1996
ISSN: 1060-7188
HOMEPAGE: http://www.newmedia.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020422

...online monetary transactions from 25 cents to 10 dollars, and requires
users to download an **electronic wallet** . The user then registers online
to have identify validated. Banks supporting CyberCoin offer accounts that
...
...a smart card. Transactions are anonymous, and Mondex readers can be
attached to cash registers, **kiosks** , and computers. **Automated Teller**
Machine (**ATM**) systems everywhere could conceivably also be updated for
use with a PC Card reader to...

35/3,K/23   (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2003 The New York Times. All rts. reserv.

06771484   NYT Sequence Number: 019461940906
AN END TO THE NIGHTMARE OF CASH?
New York Times, Col. 3, Pg. 1, Sec. D
Tuesday September 6 1994

ABSTRACT:
    Banks, credit card companies and even governments of some countries are
moving to introduce ' **electronic** purses,' **wallet** -sized cards **embedded**
with rechargeable microchips that store sums of money for people to use
instead of cash...

...less than $20; pocket card with its microchip can be loaded with money
at an **Automated Teller** Machine or through the use of an inexpensive
special telephone; when balance is depleted, electronic...

DESCRIPTORS: DEBIT CARDS; CREDIT CARDS AND ACCOUNTS; BANKS AND BANKING;
  NEW MODELS, DESIGN AND PRODUCTS; CURRENCY; **AUTOMATIC TELLER** MACHINES
  (**ATM**); TELEPHONES AND TELECOMMUNICATIONS; PERSONAL COMPUTERS; COMPUTER
  CHIPS
PERSONAL NAMES: GLEASON, DONALD J ES (**ATM**)

35/3,K/24   (Item 1 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
(c) 2003 The New York Times. All rts. reserv.

08071643   NYT Sequence Number: 000000000818
M-COMMERCE: MOBILE AND MULTIPLYING
NAIK, GAUTAM
Wall Street Journal, Col. 2, Pg. 1, Sec. B
Friday August 18 2000

ABSTRACT:
    Thousands of people in Europe and Asia already receive basic **mobile**
-commerce (**m - commerce**) services, including stock trading and sports
scores via cell phone; new offerings are designed to make **m - commerce**
purchasing easier; the cell phone is being transformed into an **electronic**
wallet , allowing customers to shop, bank and even pay rent via mobile
phone; charts; drawing (L)

35/3,K/25   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

March 18, 2003 13 19:03

09639385
Neues Plastikgeld der Sparkassen
  Germany: Sparkassen bet on uniform bank card
S ddeutsche Zeitung (SDZ)   22 Nov 2001· p.24
Language: GERMAN

...from 2002. The new card is to combine e.g. bank card, ec card and
electronic wallet functions. With the new SparkassenCard, customers can
withdraw cash from **automated teller** machines worldwide. In addition,
the card, which will be valid for four years, will be...

 35/3,K/26   (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09352075
E-trade gets easier for sites not WAP-enabled
  AUSTRALIA: GPAYMENTS UNFURLS ACTIVEWALLET
The Australian (XAA)   22 Aug 2000 p.45
Language: ENGLISH

... Asia-Pacific region under a marketing joint venture with
telecommunications group Cable & Wireless Optus. The ' **digital wallet** '
system also comes equipped with a solution for **mobile commerce** support
without using wireless application protocol (WAP) enablement.

 35/3,K/27   (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09279549
Visa USA Explores Payment Products For Mobile Devices
  US: VISA TO OFFER PLASTIC-FREE PAYMENT METHOD
Wall Street Journal Europe (WSJ)   03 May 2000 p.4
Language: ENGLISH

... for customers using mobile phones or other handheld devices. The
companies plan to offer an **electronic wallet** for bill payments,
allowing customers to buy online without having to enter personal details
on...

... between Aether and the e-Visa division of Visa USA highlights the
growing importance of **mobile commerce** .

 35/3,K/28   (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM).
(c) 2002 The Gale Group. All rts. reserv.

09272293
Mastercard adds security to mobile transactions
  UK: MASTERCARD TO DEVELOP SECURE TRANSACTIONS
Computer Weekly (CRW)   30 Mar 2000 p.6
Language: ENGLISH

A new secure framework for **mobile e - commerce** transactions is being
developed by MasterCard and 724 Solutions, the Internet infrastructure
provider. Under the deal, MasterCard will be incorporated into 724's
digital wallet , enabling users to pay for **transactions** via their
mobile phone, **Internet** device or PDA. *...

March 18, 2003 14 19:03

35/3,K/29   **(Item 5 from file: 583)**
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09198793
Mobiles to become 'electronic wallets'
  EUROPE: MOBILE PHONE OPERATORS' BANKING MOVE
Guardian (GN)   20 Nov 1999 p. 28
Language: ENGLISH

... phone operators by 2001, envisages Durlacher, which says that mobile phones may be transformed into **electronic wallets** . Mobile banking services could embrace anything from interest rate or foreign exchange information to fund...

... to enhance links with customers. Durlacher predicts that by 2003 the market for so-called **m - commerce** will be worth Euro 23bn, compared with Euro 323mn in 1998. Durlacher also projects that...

35/3,K/30   **(Item 6 from file: 583)**
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09175842
Les cartes Mondex du crZdit Mutuel/
  FRANCE: CREDIT MUTUEL PRESENTS MONDEX
Les Echos (LE)   14 Oct 1999 p.25
Language: FRENCH

French retail bank CrZdit Mutuel is launching its Mondex **electronic wallet** in Strasbourg. As from 19 October 1999, 1,031 shops and sales outlets in the...

...year to the card's holders. The Mondex card can be reloaded at CM's **ATM** machines and within the premises of the three Mondex centres set up in Strasbourg. The...

35/3,K/31   **(Item 7 from file: 583)**
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09133673
Pelajar MMU mula guna kad pinta
  MALAYSIA: START OF SMARTCARD USE IN MMU
Utusan Malaysia (XEI)   17 Jul 1999 p. 1
Language: BAHASA MALAYSIA

... on the use of their very own smartcard on campus. The students call it their **electronic wallet** which allows the purchase of books, food, soft drinks from vending machines, laundry as well...

... just acts to enable transactions with vendors but also to be used as a Automatic **Transaction Machine** (**ATM**) card for Bank Bumiputra Malaysia Bhd (BBMB). The students have to deposit an amount of money in the **ATM** before their smartcard/ **electronic wallet** has **electronic** cash.

35/3,K/32   **(Item 8 from file: 583)**

09027210
Sim cards get smart
  US/FRANCE: USING JAVA TECHNOLOGY IN SMART CARDS
The Straits Times (XBB)   02 Dec 1998 Computer Timesp.4
Language: ENGLISH

... beyond the normal call and messaging routine. With Java, Sim cards can
be programmed to **embed** secure **identification** tags, which mean they can
be used as a credit, debit or **stored** **value** cash **card** . Cellular phones
with the Sim cards can be used as personal identification badge, as well...

 35/3,K/33   **(Item 9 from file: 583)**

09007247
Le porte-monnaie Zlectronique/
  FRANCE: ELECTRONIC WALLET GETTING BIGGER
La Tribune (XOT)   27 Oct 1998 p.39
Language: FRENCH

Modeus is going to develop a new **electronic** **wallet** ; all of the partners
in the new company whose creation was announced on 26 October...

... involved - Caisses d'Epargne, SociZtZ GZnZrale, Banques Populaires will
enable people to withdraw money from **automatic** **teller** machines and to
pay for purchases at retailers. France TZlZcom and La Poste are also...

 35/3,K/34   **(Item 10 from file: 583)**

06608932
R-kioskit hyvUksyvUt Avant-korttirahan
  FINLAND: R-KIOSK ACCEPTS ELECTRONIC CASH CARD
Kauppalehti (XFD)   30 Mar 1998 p.5
Language: FINNISH

... the electronic cash card 'Avant' will become an approved means of
payment in all Rautakirja **kiosks** . Electronic card readers will be
installed in the **kiosks** as of August 1998. The process is estimated to
take a year. Bank manager Matti Korkeela from Osuuspankkikeskus considers
the agreement a breakthrough in the development of an **electronic** **wallet**
in Finland. Encouraging retailers to join in will be easier in the future,
he believes.

 35/3,K/35   **(Item 11 from file: 583)**

06566775
Bankautomaten in Osterreich immer mehr genutzt
  AUSTRIA: MORE BANK AUTOMATION
Die Presse (DP)   02 Jan 1998 p.15
Language: GERMAN

... increased from 2,164 to 2,330. However, the total amount of money withdrawn via **ATM** rose only slightly from Sch 141.4bn to Sch 145.0bn. Turnover of automatic bank...

... payment terminals rose by 8,900 to 12,700. The number of recharging stations for **electronic wallets** rose by 2,800 to 3,800. However, payment turnover rose from Sch 17mn to...

35/3,K/36   **(Item 12 from file: 583)**
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06564791
ANZ chips in to start testing stored valued cards
   AUSTRALIA: ANZ TO TRIAL STORED VALUE CARDS
The Australian Financial Review (AFR)   22 Dec 1997 P.23
Language: ENGLISH

...in Melbourne. The move is the first stage in the bank's roll-out of **stored value cards** (SVCs) in 1998. About 1,000 staff will be involved in the trial, using the...

... ANZ's cafeteria and social clubs. In addition, the study will test the use of " **electronic wallets** " which allows person-to-person e-cash transfers. SVCs are strongly recommended as a more...

35/3,K/37   **(Item 13 from file: 583)**
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06485051
Un porte-monnaie Zlectronique universel doit tre lancZ en 1998
   FRANCE: A NEW STEP TOWARDS VIRTUAL PAYMENT
Le Monde (LM)   18 Jun 1997 p.22
Language: FRENCH

Robert Luginbuhl's nomination as head of the **electronic wallet** project marks a new step in this project for setting up a new payment instrument...

... on the amount of each transaction which the shopkeepers must pay. Users will recharge their **electronic wallets** for a maximum of FFr 100 at automatic electronic money distributor, which could be a telephone box or a suitable **automatic teller** machine. It will contribute to the financing of the system along with the banks, who must make a big effort to set up **electronic wallets** . The banks will largely make this up on client accounts, which will not have to...

... enjoy lighter bank charges because there will be fewer transactions managed by the banks. The **electronic wallets** are to be launched in Spring 1998.

35/3,K/38   **(Item 14 from file: 583)**
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06471372
Bull vise lui aussi le podium mondial
   FRANCE: BULL HAS WORLD AMBITIONS IN SMART CARDS
Les Echos (LE)   20 May 1997 p.12

March 18, 2003 17 19:03

Language: FRENCH

... on its patents Bull expects to benefit. Already Bull is providing the Netherlands with 12mn **electronic wallets** and expects to triple its turnover in this sector every year until 2000. It is...

...Bull achieved turnover of FFr 1.07bn in its personal transaction systems division, which includes **ATM** and payment terminals manufacturing. This can be explained by the fact that Bull produces neither...

35/3,K/39   (Item 15 from file: 583)
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06459059
BBMB dan Rakan bangun kad pintar UPM'
  MALAYSIA: SMART CARD FOR UPM BY FEW FIRMS
Utusan Malaysia (XEI)   17 Apr 1997 Megabait p.6
Language: BAHASA MALAYSIA

...UPM). The ID-MAS UPM smart card can be used as credit card, debit card, **ATM** card, identification card, data base and web site access card and **electronic wallet** .

35/3,K/40   (Item 16 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06433671
 HONG KONG: ELECTRONIC MONEY COMPARISONS
  HONG KONG: ELECTRONIC MONEY COMPARISONS
HK Economic Times   20 Feb 1997 P.B16
Language: CHINESE

... retailers; b. particular customers group of issued banks: - aged 18 to 45 - frequent users of **ATM** c. residents in Shatin and Taikoo City (S)a. petty purchase customers b. may be...

... reloadable Stored value: (F)-$200; (S)-$3,000 Positioning: (F)-replace petty purchase; (S)- add **ATM** transfer service and **electronic wallet** function Available places: Hong Kong Target Group: (F)- young customers with aged 18 to 25...

35/3,K/41   (Item 17 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06247024
Smart card users facing chaos
  HONG KONG: CALL FOR SMART-CARDS STANDARDS
South China Morning Post (XKT)   01 Jan 1996 BP p.1
Language: ENGLISH

... Kong, Warren Liu said. The Hongkong Bank group has set own specifications for its Mondex **electronic wallet** , to be launched this year, while Standard Chartered bank and MasterCard plans to issue own **stored - value** smart **card** . Non-financial entities, such as Jockey Club also plan to issue own cards. *...

March 18, 2003 18 19:03

35/3,K/42   (Item 18 from file: 583)
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06218077
1997 ohne Bargeld an den Kiosk
  SWITZERLAND: ELECTRONIC WALLET COMING SOON?
Der Bund (XGK)   21 Oct 1995 p.20
Language: GERMAN

... most ec cards with rechargeable microchips by the end of 1996. Ideal
applications for this " **electronic   wallet** " are e.g. **kiosks** , where the
average purchase of a client is worth only SFr 3.50-4, food...

...founded by Telekurs AG at the beginning of 1995, is negotiating with the
Merkur subsidiary **Kiosk**   AG (1,350   **kiosks**) and its vending machine
subsidiary Selecta as well as with <the Swiss railway> SBB, which...

35/3,K/43   (Item 19 from file: 583)
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06065763
Hi-tech Mondex aims to trash cash
  HONG KONG: BANK INTRODUCES NEW CARD
South China Morning Post (XKT)   22 Oct 1994 BP p.1
Language: ENGLISH

...bank's senior executive said. The device is made of three parts: a card,
an **electronic   wallet** and a reader. The users can draw cash from **ATM**
machines with the Mondex card, lock the amount in the **electronic   wallet**
and spend it by swiping the card in retail point-of-sale terminals. The
bank...
?